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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 000100 Air Force | 009001 Lincoln Laboratory | 6930859 | C | P267200 | PO# 7000290592 | Oliver /William D | 09/01/14 | 08/31/22 | 52,939 | 9,532,448 | (75) |
| | | 6935235 | C | P066000 | PO# 7000370657 | Hu /Juejun | 10/01/16 | 09/30/21 | 8,634 | 655,000 | (103) |
| | | 6935784 | C | P067952 | PO# 7000379430 | Rus /Daniela L | 02/01/17 | 09/30/22 | 0 | 60,000 | 4,198 |
| | | 6935965 | C | P267200 | PO# 7000381569 | Oliver /William D | 10/01/16 | 09/30/22 | 164,679 | 1,025,000 | (385) |
| | | 6936301 | C | P267200 | PO# 7000385936 | Oliver /William D | 05/01/17 | 12/31/22 | 110,707 | 500,000 | 212,661 |
| | | 6936468 | C | P061097 | PO# 7000386377 | Cahoy /Kerri | 05/01/17 | 04/30/22 | 83,122 | 368,662 | (292) |
| | | 6936545 | C | P061096 | PO# 7100389700 | Masterson /Rebecca A | 06/12/17 | 09/30/23 | 92,549 | 654,000 | 105,549 |
| | | 6937231 | C | P031000 | PO# 7000398589 / LETTER NO. 16-C- | Mazereeuw /Miho | 07/01/17 | 08/31/22 | 0 | 2,370,486 | (52,093) |
| | | 6937317 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 5,829,909 | 5,829,902 |
| | | 6937393 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 0 | 0 |
| | | 6937394 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 5,019 | 0 |
| | | 6937395 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 6,438 | (0) |
| | | 6937396 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 8,203 | 0 |
| | | 6937398 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 51,089 | 0 |
| | | 6937399 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 61,356 | 0 |
| | | 6937400 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 209,929 | 0 |
| | | 6937401 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 160,663 | 0 |
| | | 6937402 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 385,942 | (0) |
| | | 6937403 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 3,969 | 0 |
| | | 6937404 | C | P401710 | 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 38,541 | (0) |
| | | 6937407 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 11,311 | 0 |
| | | 6937410 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 500 | 0 | (500) |
| | | 6937411 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 41,031 | 0 |
| | | 6937412 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 251,166 | (0) |
| | | 6937581 | C | P067952 | PO# 7000403560 | Devadas /Srinivas | 10/01/17 | 03/31/22 | 26,092 | 74,937 | (0) |
| | | 6937963 | C | P067952 | PO# 7000409620 | Shrobe /Howard E | 10/01/17 | 09/30/22 | 96,912 | 1,000,000 | (11,792) |
| | | 6938037 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/17 | 09/30/22 | 0 | 8,249 | 0 |
| | | 6938038 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 02/01/18 | 09/30/22 | 0 | 0 | (408,166) |
| | | 6938523 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 123,453 | (0) |
| | | 6938524 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 131,001 | (0) |
| | | 6938525 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 500,611 | 0 |
| | | 6938526 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 409,496 | (0) |
| | | 6938527 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 831,967 | (0) |
| | | 6938528 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 11,218 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938529 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/18 | 09/30/22 | 0 | 80,600 | 0 |
| | | 6938886 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 06/18/18 | 09/30/22 | 0 | 37,263 | (0) |
| | | 6939164 | C | P067952 | PO# 7000427652 | Vaikuntanathan /Vinod | 09/01/18 | 12/31/20 | (8,741) | 120,000 | (0) |
| | | 6939172 | C | P401710 | PO# 7000424794 | Lonsdale /Colin John | 06/01/18 | 05/31/22 | 6,976 | 101,219 | (838) |
| | | 6940197 | C | P065004 | PO# 7000441730 | Brisson /John G | 10/01/18 | 09/30/22 | 49,137 | 330,000 | (4) |
| | | 6940223 | C | P068700 | PO# 7000443135 | Carlone /Luca | 12/01/18 | 11/30/21 | 78,093 | 388,000 | (45) |
| | | 6940225 | C | P067952 | PO#7000442809 | Devadas /Srinivas | 01/01/19 | 09/30/22 | 34,053 | 75,000 | 18,286 |
| | | 6940251 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 138,718 | (0) |
| | | 6940252 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 127,109 | 0 |
| | | 6940253 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 453,239 | 0 |
| | | 6940254 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 519,744 | 0 |
| | | 6940255 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 919,030 | 0 |
| | | 6940256 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 11,785 | (0) |
| | | 6940257 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/19 | 09/30/22 | 0 | 99,028 | 0 |
| | | 6940307 | C | P065005 | PO# 7000444597 | Lermusiaux /Pierre | 10/01/18 | 09/30/22 | 75,095 | 285,000 | 36,865 |
| | | 6940387 | C | P068700 | PO# 7100443447 | Carlone /Luca | 12/01/18 | 09/30/22 | 116,115 | 483,000 | 47,497 |
| | | 6940414 | C | P267111 | PO# 7000442717 | Englund /Dirk R. | 10/01/18 | 09/30/22 | 81,185 | 178,000 | 14,597 |
| | | 6940956 | C | P153000 | PO# 7000455589 | Person /Michael J | 05/01/19 | 09/30/22 | 3,309 | 67,208 | 25,192 |
| | | 6941138 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 07/01/19 | 09/30/22 | 0 | 0 | (6,743) |
| | | 6941139 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 07/01/19 | 09/30/22 | 0 | 6,219 | 0 |
| | | 6941463 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 08/26/19 | 09/30/22 | 0 | 6,389 | (0) |
| | | 6941529 | C | P267200 | PO# 7000290592 | Oliver /William D | 08/01/19 | 11/30/21 | 1,270 | 166,543 | 0 |
| | | 6941530 | C | P267200 | PO# 7000290592 | Oliver /William D | 08/01/19 | 06/30/21 | 0 | 106,881 | 0 |
| | | 6941825 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/19 | 09/30/22 | 0 | 53 | 0 |
| | | 6941828 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/19 | 09/30/22 | 0 | 562 | 0 |
| | | 6941868 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/19 | 09/30/22 | 0 | 40,007 | 0 |
| | | 6941920 | C | P065004 | 7000469159 | Gallant /Betar Maurkah | 10/01/19 | 09/30/22 | 117,218 | 375,000 | 13,519 |
| | | 6942091 | C | P067952 | PO# 7000470769 | Tedrake /Russell L | 10/01/19 | 09/30/22 | 126,759 | 173,693 | 6,765 |
| | | 6942147 | C | P159900 | PO# 7000471328 | Formaggio /Joseph A | 11/01/19 | 09/30/22 | 92,112 | 325,000 | 90,312 |
| | | 6942305 | C | P067952 | PO# 7000470769 | Tedrake /Russell L | 10/01/19 | 09/30/22 | 0 | 226,307 | (0) |
| | | 6942350 | C | P417000 | PO#7000473193 | Kooi /Steven E | 11/01/19 | 06/30/21 | 4,468 | 50,000 | (0) |
| | | 6942362 | C | P031000 | PO# 7000398589 / LETTER NO. 16-C- | Mazereeuw /Miho | 11/01/19 | 08/31/22 | 126,686 | 1,544,700 | 111,266 |
| | | 6942397 | C | P065005 | PO# 7000474480 | Traverso /Carlo Giovanni | 11/01/19 | 10/31/20 | (4,004) | 99,999 | (0) |
| | | 6942563 | C | P159900 | PO# 7000471328 | Formaggio /Joseph A | 02/01/20 | 09/30/22 | (7,109) | 105,000 | 15,850 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942576 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 189,723 | 0 |
| | | 6942577 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 104,073 | 0 |
| | | 6942578 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 492,959 | (0) |
| | | 6942579 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 533,682 | 0 |
| | | 6942580 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 1,004,307 | 0 |
| | | 6942581 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | (1,006) | 1,056 | 1,006 |
| | | 6942582 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 106,710 | (0) |
| | | 6942584 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 23,284 | 0 |
| | | 6942585 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 95 | (0) |
| | | 6942587 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 03/01/20 | 01/31/21 | 0 | 65,835 | (0) |
| | | 6942724 | C | P069500 | PO# 7000478792 | Sheffi /Yosef | 01/01/20 | 08/31/22 | 108,633 | 243,089 | (10,611) |
| | | 6942809 | C | P267111 | PO#7000480340 | Wong /Ngai Chuen | 03/01/20 | 08/31/21 | 7,225 | 130,000 | (0) |
| | | 6943010 | C | P039020 | PO# 7000482739 | Gershenfeld /Neil A | 04/01/20 | 08/31/21 | 6,590 | 150,000 | 1,800 |
| | | 6943126 | C | P065004 | PO# 7000483598 | Hart /Douglas | 03/15/20 | 08/31/22 | 26,764 | 100,000 | 13,679 |
| | | 6943134 | C | P069201 | PO# 7000483190 | Lu /Timothy K | 04/01/20 | 09/30/21 | 7,396 | 24,945 | 0 |
| | | 6943164 | C | P267200 | PO# 7000290592 | Oliver /William D | 09/01/14 | 08/31/22 | 146,366 | 1,147,464 | (179) |
| | | 6943359 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 06/01/20 | 09/30/22 | 33,510 | 0 | (190,936) |
| | | 6943360 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 06/01/20 | 09/30/22 | 5,761 | 0 | (132,026) |
| | | 6943512 | C | P417500 | PO# 7000488488 | Ju /Long | 06/01/20 | 05/31/21 | (1,155) | 149,973 | 0 |
| | | 6943618 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 07/22/20 | 09/30/22 | 6,572 | 6,572 | (0) |
| | | 6943655 | C | P068700 | PO# 7000490935 | Broderick /Tamara A | 09/01/20 | 08/31/21 | (430) | 59,215 | (0) |
| | | 6943889 | C | P067952 | PO#7000492973 | Weitzner /Daniel J | 07/01/20 | 06/30/21 | 4,786 | 300,000 | 188 |
| | | 6943900 | C | P065004 | PO # 7000493110 | Kim /Jeehwan | 08/01/20 | 01/31/22 | 67,622 | 75,000 | (13,156) |
| | | 6944072 | C | P067952 | PO# 7000494927 | Shrobe /Howard E | 10/01/20 | 09/30/22 | 83,797 | 120,000 | 26,330 |
| | | 6944075 | C | P067952 | PO# 7000495145 | Glass /James R | 09/01/20 | 06/30/22 | 19,183 | 132,284 | 48 |
| | | 6944314 | C | P065005 | PO# 7000497500 | Varanasi /Kripa | 10/01/20 | 05/31/22 | 63,710 | 100,000 | 738 |
| | | 6944343 | C | P065004 | PO# 7000497994 | Hart /Anastasios John | 10/01/20 | 09/30/22 | 65,112 | 100,000 | 5,889 |
| | | 6944366 | C | P067952 | PO# 7000497681 | Golland /Polina | 10/01/20 | 09/30/22 | 16,052 | 150,000 | 47,488 |
| | | 6944457 | C | P267500 | PO# 7000499886 | Bulovic /Vladimir | 11/01/20 | 10/31/21 | 890 | 50,000 | 1,502 |
| | | 6944493 | C | P065004 | PO# 7000499932 | Boriskina /Svetlana V | 08/01/20 | 05/31/22 | 95,730 | 120,000 | (7,579) |
| | | 6944494 | C | P267200 | PO# 7000500173 | Medard /Muriel | 01/01/21 | 12/31/21 | 54,473 | 100,000 | (0) |
| | | 6944566 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 11/01/20 | 09/30/22 | 8,989 | 0 | (34,906) |
| | | 6944607 | C | P061097 | PO# 7000501576 | Cahoy /Kerri | 10/01/20 | 12/31/21 | 26,389 | 59,842 | (0) |
| | | 6944622 | C | P243021 | PO# 7000502143 | Moodera /Jagadeesh | 10/01/20 | 09/30/21 | 47,147 | 67,150 | 0 |
| | | 6944653 | C | P159900 | PO# 7000502464 | Kelsey /James E | 01/01/21 | 09/15/22 | 8,307 | 30,256 | 21,884 |
| | | 6944659 | C | P268001 | PO# 7000502371 | Palacios /Tomas | 10/01/20 | 09/30/21 | 16,470 | 65,141 | 0 |
| | | 6944702 | C | P066000 | PO# 7000501363 | Hu /Juejun | 10/15/20 | 10/14/22 | 104,409 | 140,000 | (7,159) |
| | | 6944728 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 111,898 | 0 | (201,112) |
| | | 6944729 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 52,912 | 0 | (116,798) |
| | | 6944730 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 208,799 | 0 | (355,894) |
| | | 6944731 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 255,944 | 0 | (471,772) |
| | | 6944732 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 552,286 | 0 | (955,366) |
| | | 6944733 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 0 | 0 | (2,145) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944735 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/25/21 | 01/31/22 | 5,015 | 0 | (5,015) |
| | | 6944797 | C | P068700 | PO# 7000504042 | Veeramachaneni /Kalyan | 11/01/20 | 02/28/22 | 105,982 | 110,000 | 24 |
| | | 6944802 | C | P267200 | PO# 7000504551 | Ram /Rajeev J | 01/01/21 | 09/30/21 | 1,047 | 1,495 | (0) |
| | | 6944883 | C | P067952 | PO# 7000505815 | Clark /David D | 12/01/20 | 12/31/21 | 48,136 | 48,136 | (0) |
| | | 6945017 | C | P267200 | PO# 7000504551 | Ram /Rajeev J | 03/01/21 | 09/30/21 | 4,915 | 13,505 | 0 |
| | | 6945062 | C | P063007 | PO# 7000503412 | Eltahir /Elfatih A. B. | 10/01/20 | 03/31/22 | 48,189 | 100,000 | 6 |
| | | 6945067 | C | P267111 | PO# 7000442717 | Englund /Dirk R. | 10/01/18 | 09/30/22 | 20,919 | 30,000 | 7,278 |
| | | 6945136 | C | P065004 | 7000510281 | Guo /Ming | 04/01/21 | 02/28/22 | 73,640 | 81,597 | 692 |
| | | 6945165 | C | P065004 | 7000511601 | Hart /Douglas | 05/01/21 | 08/31/22 | 82,363 | 125,000 | 19,317 |
| | | 6945171 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 04/01/21 | 09/30/22 | 78,058 | 0 | (89,606) |
| | | 6945494 | C | P267100 | 7000515469 | Kong /Jing | 04/01/21 | 06/30/22 | 139,399 | 150,000 | (12,834) |
| | | 6945531 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 05/01/21 | 09/30/22 | 58,359 | 0 | (78,202) |
| | | 6945614 | C | P417000 | PO# 7100514642 | Radovitzky /Raul A | 06/01/21 | 05/31/23 | 91,809 | 100,000 | 8,191 |
| | | 6945672 | C | P069400 | PO#7000518702 | Hirsch /Paula | 03/01/21 | 09/30/21 | 130,000 | 130,000 | (0) |
| | | 6945787 | C | P065004 | 7000519719 | Benjamin /Michael R | 07/01/21 | 09/30/22 | 1,477 | 5,042 | 3,565 |
| | | 6945792 | C | P065005 | 7000510281 | Guo /Ming | 06/01/21 | 02/28/22 | 8,548 | 10,000 | 1,452 |
| | | 6945872 | C | P065004 | 7000519719 | Benjamin /Michael R | 07/01/21 | 06/30/22 | 88,893 | 84,958 | (3,935) |
| | | 6946003 | C | P065004 | PO# 7000523549 | Kolle /Mathias | 09/01/21 | 08/31/22 | 78,451 | 50,000 | (28,451) |
| | | 6946025 | C | P061094 | PO# 7000523043 | Cordero /Zachary Copoulos | 08/01/21 | 07/31/22 | 142,148 | 136,000 | (6,148) |
| | | 6946100 | C | P267200 | PO# 7000526012 | Oliver /William D | 09/01/21 | 08/31/22 | 47,887 | 66,592 | 18,705 |
| | | 6946246 | C | P267200 | PO# 7000527979 | Ram /Rajeev J | 06/01/21 | 09/19/22 | 20,853 | 20,000 | (853) |
| | | 6946270 | C | P267111 | PO#7000528180 | Keathley /Phillip Donald | 09/01/21 | 08/31/22 | 114,660 | 110,081 | (4,580) |
| | | 6946344 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/21 | 09/30/22 | 53,696 | 0 | (53,696) |
| | | 6946345 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 10/01/21 | 09/30/22 | 15,641 | 0 | (15,641) |
| | | 6946435 | C | P267200 | PO# 7000530004 | Oliver /William D | 10/01/21 | 09/30/22 | 102,557 | 150,000 | 47,443 |
| | | 6946545 | C | P065005 | PO# 7000531792 | Varanasi /Kripa | 10/01/21 | 09/30/22 | 59,370 | 100,000 | 40,630 |
| | | 6946552 | C | P121012 | PO# 7000531720 | Eckles /Dean Griffin | 10/01/21 | 09/30/22 | 51,138 | 100,000 | 48,862 |
| | | 6946596 | C | P267500 | PO# 7000532429 | Lang /Jeffrey H | 10/01/21 | 08/31/22 | 109,345 | 140,000 | 30,655 |
| | | 6946599 | C | P267111 | PO#7000528180 | Keathley /Phillip Donald | 09/01/21 | 08/31/22 | 25,111 | 39,919 | 14,809 |
| | | 6946633 | C | P066000 | PO# 7100532906 | Gomez-Bombarelli /Rafael | 10/01/21 | 09/30/23 | 6,999 | 100,000 | 93,001 |
| | | 6946653 | C | P417500 | PO 7000533287 | Michel /Jurgen | 10/01/21 | 09/30/22 | 48,181 | 100,000 | 51,819 |
| | | 6946659 | C | P267200 | PO# 7000526012 | Oliver /William D | 09/01/21 | 08/31/22 | 167,466 | 181,408 | 13,942 |
| | | 6946692 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 104,453 | 0 | (104,453) |
| | | 6946693 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 58,069 | 0 | (58,069) |
| | | 6946694 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 137,118 | 0 | (137,118) |
| | | 6946695 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 259,952 | 0 | (259,952) |
| | | 6946696 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 489,629 | 0 | (489,629) |
| | | 6946698 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 944 | 0 | (944) |
| | | 6946699 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 01/01/22 | 09/30/22 | 5,881 | 0 | (5,881) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946707 | C | P068000 | PO#: 7000532690/#7100532690 | Buongiorno /Jacopo | 10/01/21 | 09/30/22 | 49,408 | 69,400 | 19,992 |
| | | 6946736 | C | P069400 | PO# 7000534536 | Hirsch /Paula | 10/22/21 | 02/28/22 | 80,259 | 80,000 | (259) |
| | | 6946760 | C | P267600 | PO# 7000534582 | Notaros /Jelena | 12/15/21 | 12/14/22 | 8,143 | 50,446 | 42,303 |
| | | 6946776 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 11/01/21 | 09/30/22 | 39,187 | 0 | (39,187) |
| | | 6946911 | C | P061097 | PO# 7000535491 | Cahoy /Kerri | 10/01/21 | 09/30/22 | 29,671 | 25,000 | (4,671) |
| | | 6946993 | C | P065004 | PO# 7000538504 | Hunter /Ian | 01/01/22 | 12/31/22 | 8,952 | 25,000 | 16,048 |
| | | 6947052 | C | P065004 | PO# 7000538504 | Hunter /Ian | 02/01/22 | 12/31/22 | 50,469 | 75,000 | 24,531 |
| | | 6947064 | C | P061090 | PO# 7000537912 | Lozano /Paulo C | 01/01/22 | 12/31/22 | 62,950 | 349,000 | 286,050 |
| | | 6947091 | C | P065004 | PO 7000540807 | Benjamin /Michael R | 09/15/21 | 09/14/22 | 27,413 | 72,400 | 44,987 |
| | | 6947181 | C | P067952 | 7100541584 | Glass /James R | 01/01/22 | 12/31/22 | 0 | 198,718 | 198,718 |
| | | 6947182 | C | P063007 | PO#7000541847 | Eltahir /Elfatih A. B. | 01/01/22 | 09/30/22 | 62,399 | 74,994 | 12,595 |
| | | 6947307 | C | P159600 | PO# 7000544348 | Bautz /Marshall W | 04/01/22 | 03/31/23 | 48,419 | 306,824 | 258,405 |
| | | 6947340 | C | P267100 | PO# 7000544674 | Medard /Muriel | 01/01/22 | 12/31/22 | 6,558 | 100,000 | 93,443 |
| | | 6947440 | C | P267111 | PO 7000545061 | Berggren /Karl K | 04/01/22 | 09/30/22 | 11,565 | 25,000 | 13,435 |
| | | 6947693 | C | P067952 | PO 7000548323 | Oliva /Aude | 04/01/22 | 03/31/23 | 39,674 | 35,000 | (4,674) |
| | | 6947713 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 04/01/22 | 09/30/22 | 4,731 | 0 | (4,731) |
| | | 6947731 | C | P401710 | PO# 7000399771 | Lonsdale /Colin John | 06/08/22 | 09/30/22 | 2,119 | 0 | (2,119) |
| | | 6947800 | C | P065004 | PO# 7000550086 | Ahmed /Faez | 06/01/22 | 09/30/22 | 0 | 50,000 | 50,000 |
| | | 6947852 | C | P065004 | PO 7000540807 | Benjamin /Michael R | 06/01/22 | 09/14/22 | 0 | 5,100 | 5,100 |
| | | 6947858 | C | P061096 | PO 7000550459 | Shah /Julie A | 06/01/22 | 08/31/23 | 0 | 125,000 | 125,000 |
| | 107994 Electra.aero | 6944911 | C | P061093 | AGRMT EFFECTIVE DATE 12/3/2020 | Hansman /Robert J | 10/01/20 | 08/31/21 | 24,013 | 43,921 | (0) |
| | | 6947628 | C | P061098 | AGMT DATED 5/6/2022 | Hall /Steven R | 03/07/22 | 06/12/23 | 13,489 | 200,000 | 186,511 |
| | 109151 Future Semicon | 6946907 | C | P267500 | AWD DTD 11/04/2021 | Kim /Jeehwan | 11/04/21 | 02/05/22 | 15,000 | 15,000 | 0 |
| | 109558 Mesodyne | 6947489 | C | P065002 | AGMT DTD 3/31/2022 | Ghoniem /Ahmed F | 06/01/22 | 01/11/23 | 38,920 | 250,000 | 211,080 |
| | **Total by Primary Sponsor** | | | | | | | | **7,449,526** | **43,563,579** | **4,250,274** |
| 000106 Air Force Office of Scientific Research - AFOSR | 000106 Air Force Office of Scientific Research - AFOSR | 6929764 | C | P267100 | FA9550-14-1-0035 | Ketterle /Wolfgang | 02/15/14 | 03/31/21 | 989 | 1,887,118 | 0 |
| | | 6929767 | C | P267100 | FA9550-14-1-0035 | Ketterle /Wolfgang | 02/15/14 | 03/31/21 | (33) | 1,617,075 | 0 |
| | | 6933128 | C | P060600 | FA9550-15-1-0514 | Palacios /Tomas | 09/30/15 | 09/29/21 | 38,069 | 299,361 | (0) |
| | | 6933129 | C | P060600 | FA9550-15-1-0514 | Palacios /Tomas | 09/30/15 | 09/29/21 | 5,902 | 1,200,445 | 0 |
| | | 6933130 | C | P060600 | FA9550-15-1-0514 | Palacios /Tomas | 09/30/15 | 09/29/21 | 38,686 | 1,200,475 | 0 |
| | | 6933131 | C | P060600 | FA9550-15-1-0514 | Palacios /Tomas | 09/30/15 | 09/29/21 | 29,377 | 1,223,785 | (0) |
| | | 6933132 | C | P063007 | FA9550-15-1-0514 | Buehler /Markus J | 06/30/15 | 09/29/21 | 67,414 | 1,186,451 | (0) |
| | | 6934513 | C | P267100 | FA9550-16-1-0324 | Zwierlein /Martin Wolfram | 08/15/16 | 02/14/22 | 79,303 | 805,926 | (0) |
| | | 6934875 | C | P069850 | FA9550-16-1-0382 | Jarillo-Herrero /Pablo | 06/30/16 | 09/29/21 | 8,563 | 912,549 | (0) |
| | | 6935331 | C | P067952 | FA9550-17-1-0081 | Davis /Randall | 10/15/16 | 10/14/21 | (8,589) | 1,350,000 | (0) |
| | | 6935858 | C | P067952 | FA9550-17-1-0165 | Kaelbling /Leslie P | 03/15/17 | 03/14/22 | 300,606 | 1,330,354 | 21 |
| | | 6935946 | C | P065005 | FA9550-17-1-0192 | Lloyd /Seth | 04/01/17 | 03/31/22 | 132,986 | 298,131 | (109) |
| | | 6936528 | C | P066000 | FA9550-17-1-0288 | Macfarlane /Robert J | 07/01/17 | 06/30/21 | (73,699) | 480,000 | (0) |
| | | 6937280 | C | P067952 | FA9550-17-1-0362 | Davis /Randall | 09/15/17 | 09/14/21 | 11,424 | 1,073,822 | (0) |
| | | 6937282 | C | P267100 | FA9550-17-1-0383 | Vuletic /Vladan | 09/30/17 | 09/28/18 | (1,440) | 339,505 | 0 |
| | | 6937705 | C | P061093 | FA9550-18-1-0023 | Willcox /Karen E | 12/01/17 | 11/30/21 | 3,716 | 278,821 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937756 | C | P061097 | FA9550-18-1-0023 | Marzouk /Youssef M | 12/01/17 | 11/30/21 | 10,640 | 310,453 | 0 |
| | | 6938701 | C | P152000 | FA9550-18-1-0341 | Swager /Timothy M | 05/15/18 | 05/14/21 | 12,866 | 686,200 | (0) |
| | | 6939053 | C | P267100 | FA9550-16-1-0324 | Zwierlein /Martin Wolfram | 08/15/17 | 02/14/22 | 1,406 | 193,938 | 0 |
| | | 6939054 | C | P060600 | FA9550-18-1-0436 | Akinwande /Akintunde I | 06/01/18 | 07/31/23 | 0 | 1,514,750 | 1,509,765 |
| | | 6939070 | C | P060600 | FA9550-18-1-0436 | Akinwande /Akintunde I | 08/01/18 | 07/31/23 | 396,168 | 1,632,700 | (139,938) |
| | | 6939071 | C | P267111 | FA9550-18-1-0436 | Berggren /Karl K | 06/01/18 | 07/31/23 | 255,066 | 775,000 | (3,278) |
| | | 6939072 | C | P267111 | FA9550-18-1-0436 | Daniel /Luca | 08/01/18 | 07/31/23 | 188,086 | 575,000 | 42,001 |
| | | 6939073 | C | P060600 | FA9550-18-1-0436 | Palacios /Tomas | 08/01/18 | 07/31/23 | 146,986 | 950,000 | 60,160 |
| | | 6939074 | C | P060600 | FA9550-18-1-0436 | Akinwande /Akintunde I | 08/01/18 | 07/31/23 | 211,934 | 518,630 | 54,583 |
| | | 6939075 | C | P060600 | FA9550-18-1-0436 | Akinwande /Akintunde I | 08/01/18 | 07/31/23 | 140,209 | 583,920 | 72,468 |
| | | 6939076 | C | P060600 | FA9550-18-1-0436 | Akinwande /Akintunde I | 08/01/18 | 07/31/23 | 226,038 | 950,000 | 360,134 |
| | | 6940137 | C | P060600 | FA9550-19-1-0048 | Liu /Luqiao | 01/01/19 | 12/31/22 | 55,934 | 449,998 | 115,030 |
| | | 6940138 | C | P417500 | FA9550-19-1-0063 | Comin /Riccardo | 10/01/18 | 06/30/22 | 116,053 | 438,705 | (15,378) |
| | | 6940146 | C | P267111 | FA9550-19-1-0065 | Keathley /Phillip Donald | 12/15/18 | 12/14/21 | 49,088 | 417,132 | (0) |
| | | 6940382 | C | P061090 | FA9550-19-1-0104 | Lozano /Paulo C | 03/15/19 | 03/14/23 | 175,588 | 458,000 | 139,369 |
| | | 6940643 | C | P121012 | FA9550-19-1-0240 | Freund /Robert Michael | 07/01/19 | 06/30/22 | 370,363 | 800,000 | (247) |
| | | 6940750 | C | P154500 | FA9550-19-1-0269 | Tenenbaum /Joshua B | 05/15/19 | 05/14/22 | 393,289 | 642,913 | 42,095 |
| | | 6940882 | C | P067952 | FA9550-19-1-0319 | Solomon /Justin | 06/01/19 | 05/31/23 | 66,892 | 405,211 | 79,159 |
| | | 6941028 | C | P267111 | FA9550-19-1-0065 | Keathley /Phillip Donald | 12/15/18 | 12/14/21 | 2,513 | 32,868 | 0 |
| | | 6941093 | C | P068700 | FA9550-19-1-0263 | Jaillet /Patrick | 07/01/19 | 08/31/23 | 166,757 | 653,601 | 257,274 |
| | | 6941192 | C | P417500 | FA9550-19-1-0063 | Comin /Riccardo | 10/01/18 | 06/30/19 | 0 | 11,295 | 0 |
| | | 6941327 | C | P061096 | FA9550-19-1-0381 | Tan /Choon S | 08/15/19 | 08/14/22 | 147,669 | 559,958 | 122,356 |
| | | 6941433 | C | P065005 | FA9550-19-1-0392 | Wang /Evelyn | 09/01/19 | 08/31/22 | 131,322 | 408,417 | 28,044 |
| | | 6942895 | C | P065004 | FA9550-20-1-0044 | Del Vecchio /Domitilla | 05/01/20 | 04/30/23 | 235,638 | 650,000 | 99,046 |
| | | 6943053 | C | P066000 | FA9550-20-1-0066 | Lebeau /James M | 04/15/20 | 04/14/23 | 206,203 | 600,000 | 129,307 |
| | | 6943465 | C | P267500 | FA9550-20-1-0115 | Soljacic /Marin | 06/15/20 | 06/14/23 | 208,866 | 300,000 | 40,996 |
| | | 6943468 | C | P267111 | FA9550-20-1-0113 | Englund /Dirk R. | 06/15/20 | 06/14/22 | 51,346 | 342,448 | 243,981 |
| | | 6943475 | C | P066000 | FA9550-20-1-0163 | Allanore /Antoine | 07/01/20 | 06/30/23 | 91,574 | 373,955 | 187,130 |
| | | 6943572 | C | P267111 | FA9550-20-1-0105 | Englund /Dirk R. | 06/01/20 | 05/30/23 | 113,179 | 523,548 | 407,910 |
| | | 6943584 | C | P267111 | FA9550-20-1-0105 | Englund /Dirk R. | 06/01/20 | 05/30/23 | 154,178 | 466,452 | 260,502 |
| | | 6943804 | C | P267111 | FA9550-20-1-0113 | Englund /Dirk R. | 06/15/20 | 06/14/22 | 17,194 | 27,263 | 2,212 |
| | | 6943949 | C | P152000 | FA9550-20-1-0291 | Surendranath /Yogesh | 09/01/20 | 08/31/22 | 93,744 | 400,000 | 65,943 |
| | | 6944161 | C | P061094 | FA9550-20-1-0429 | Cordero /Zachary Copoulos | 09/30/20 | 09/29/23 | 38,440 | 299,808 | 176,909 |
| | | 6944206 | C | P067952 | FA9550-21-1-0003 | Davis /Randall | 10/15/20 | 10/14/23 | 154,466 | 1,080,000 | 925,534 |
| | | 6944210 | C | P067952 | FA9550-20-1-0402 | Yan /Mengjia | 09/30/20 | 09/29/23 | 174,776 | 490,000 | 283,178 |
| | | 6944332 | C | P067952 | FA9550-21-1-0014 | Davis /Randall | 10/15/20 | 10/14/23 | 401,393 | 1,500,000 | 810,383 |
| | | 6944485 | C | P065005 | FA9550-21-1-0058 | Sapsis /Themistoklis Panagioti | 12/01/20 | 11/30/23 | 111,380 | 1,050,000 | 936,980 |
| | | 6945605 | C | P060600 | FA9550-21-1-0296 | Akinwande /Akintunde I | 06/15/21 | 03/14/23 | 0 | 317,300 | 317,300 |
| | | 6945676 | C | P062000 | FA9550-21-1-0194 | Roman /Yuriy | 07/01/21 | 06/30/24 | 0 | 10,000 | 10,000 |
| | | 6945742 | C | P417500 | FA9550-21-1-0319 | Jarillo-Herrero /Pablo | 07/15/21 | 07/14/26 | 186,271 | 91,577 | (94,694) |
| | | 6946167 | C | P417500 | FA9550-21-1-0319 | Jarillo-Herrero /Pablo | 07/15/21 | 07/14/26 | 105,667 | 158,423 | 52,756 |
| | | 6946271 | C | P061096 | FA9550-21-1-0454 | Tan /Choon S | 09/30/21 | 09/29/22 | 120,093 | 531,185 | 411,092 |
| | | 6946456 | C | P267500 | FA9550-22-1-0024 | Kim /Jeehwan | 11/01/21 | 10/31/22 | 14,871 | 56,142 | 41,271 |
| | | 6946642 | C | P267500 | FA9550-22-1-0024 | Kim /Jeehwan | 11/01/21 | 10/31/22 | 0 | 67,179 | 67,179 |
| | | 6946643 | C | P267500 | FA9550-22-1-0024 | Kim /Jeehwan | 11/01/21 | 10/31/22 | 0 | 60,179 | 60,179 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946726 | C | P152000 | FA9550-22-1-0051 | Swager /Timothy M | 09/02/21 | 11/30/24 | 138,156 | 270,000 | 131,844 |
| | | 6946946 | C | P062000 | FA9550-21-1-0194 | Manthiram /Karthish | 11/01/21 | 06/30/24 | 0 | 190,000 | 190,000 |
| | | 6946983 | C | P065004 | FA9550-22-1-0032 | Gallant /Betar Maurkah | 02/01/22 | 01/31/25 | 24,070 | 450,000 | 425,930 |
| | | 6947158 | C | P267200 | FA9550-22-1-0166 | Oliver /William D | 03/01/22 | 02/28/25 | 0 | 0 | 0 |
| | | 6947206 | C | P417500 | FA9550-22-1-0130 | Comin /Riccardo | 02/15/22 | 02/14/23 | 0 | 155,605 | 155,605 |
| | | 6947261 | C | P267110 | FA9550-22-1-0066 | Fletcher /Richard J | 04/01/22 | 03/31/25 | 12,940 | 110,000 | 97,060 |
| | | 6947269 | C | P267200 | FA9550-22-1-0166 | Oliver /William D | 03/01/22 | 02/28/25 | 1,104 | 705,051 | 703,947 |
| | | 6947270 | C | P267100 | FA9550-22-1-0166 | Kong /Jing | 03/01/22 | 02/28/25 | 60,717 | 705,000 | 644,283 |
| | | 6947271 | C | P417500 | FA9550-22-1-0166 | Gedik /Nuh | 03/01/22 | 02/28/25 | 8,478 | 705,000 | 696,522 |
| | | 6947272 | C | P417500 | FA9550-22-1-0166 | Fu /Liang | 03/01/22 | 02/28/25 | 39,105 | 366,000 | 326,895 |
| | | 6947304 | C | P151076 | FA9550-22-1-0207 | Case /Lindsay B | 04/15/22 | 04/14/25 | 43,810 | 150,000 | 106,190 |
| | | 6947316 | C | P267110 | FA9550-22-1-0066 | Fletcher /Richard J | 04/01/22 | 03/31/25 | 32,205 | 40,000 | 7,795 |
| | | 6947536 | C | P067952 | FA9550-22-1-0249 | Kaelbling /Leslie P | 05/01/22 | 04/30/23 | 2,628 | 250,000 | 247,372 |
| | | 6947552 | C | P061096 | FA9550-21-1-0454 | Tan /Choon S | 09/30/21 | 09/29/22 | 7,567 | 26,870 | 19,303 |
| | 005508 Columbia University | 6944919 | C | P267100 | 2(GG016303)/PO SAPOG15323 | Zwierlein /Martin Wolfram | 12/01/20 | 11/30/22 | 198,518 | 380,000 | 138,038 |
| | | 6945074 | C | P267100 | 2(GG016303)/PO SAPOG15323 | Ketterle /Wolfgang | 12/01/20 | 11/30/22 | 207,923 | 426,088 | 94,397 |
| | | 6946940 | C | P267100 | 2(GG016303)/PO SAPOG15323 | Ketterle /Wolfgang | 05/01/21 | 11/30/22 | 112,174 | 99,912 | (12,262) |
| | 005731 Emory Universit | 6939259 | C | P152000 | A007735 | Surendranath /Yogesh | 08/01/18 | 07/31/22 | 0 | 0 | 0 |
| | | 6939929 | C | P152000 | A007735 | Surendranath /Yogesh | 08/01/18 | 07/31/19 | 0 | 241,627 | 0 |
| | | 6939930 | C | P152000 | A007735 | Willard /Adam P. | 08/01/18 | 07/31/19 | 0 | 106,223 | 0 |
| | | 6941329 | C | P152000 | A007735 | Surendranath /Yogesh | 08/01/19 | 07/31/22 | 0 | 0 | 0 |
| | | 6941330 | C | P152000 | A007735 | Surendranath /Yogesh | 08/01/19 | 07/31/22 | 106,223 | 555,548 | 43,694 |
| | | 6941331 | C | P152000 | A007735 | Willard /Adam P. | 08/01/19 | 07/31/22 | 210,776 | 584,102 | 34,266 |
| | 006151 Johns Hopkins I | 6945997 | C | P267500 | SUB #2005171653, AGMT DTD 9/1/21 | Soljacic /Marin | 09/01/21 | 08/31/22 | 79,668 | 84,000 | 4,332 |
| | 007180 Purdue Universi | 6946173 | C | P267500 | 13001075-011 | Soljacic /Marin | 08/25/21 | 08/24/24 | 71,580 | 300,000 | 228,420 |
| | 007380 Stanford Univer | 6944571 | C | P061097 | 62455258-159327 | Marzouk /Youssef M | 09/30/20 | 09/29/22 | 283,265 | 428,000 | 40,063 |
| | 007385 State University | 6947491 | C | P061096 | R1302889 | Linares /Richard | 02/01/22 | 01/31/23 | 0 | 114,606 | 114,606 |
| | 007533 University of Ca | 6940947 | C | P159900 | KK2014 | Harlow /Daniel L. | 07/01/19 | 06/30/22 | 212,258 | 586,250 | 139,021 |
| | 007617 University of Minnesota | 6941912 | C | P061096 | A007146101 | Linares /Richard | 07/30/19 | 04/14/22 | 90,396 | 244,438 | (0) |
| | | 6943095 | C | P061096 | A006524101 | Linares /Richard | 02/01/20 | 01/31/22 | 73,304 | 161,786 | 0 |
| | 007623 University of Ch | 6941412 | C | P066000 | AWD100348 (SUB00000079) | Lebeau /James M | 08/01/19 | 07/31/22 | 191,641 | 470,000 | 34,126 |
| | 007633 University of Maryland | 6935254 | C | P267100 | 43830-Z8183003 | Vuletic /Vladan | 09/15/16 | 09/14/22 | 112,755 | 826,845 | 25,259 |
| | | 6936839 | C | P267100 | 43830-Z8183003 | Vuletic /Vladan | 09/15/16 | 12/14/21 | 22,148 | 197,655 | 0 |
| | 007634 University of Ne | 6946454 | C | P401710 | L0149 | Lind /Frank David | 08/15/21 | 08/14/22 | 19,538 | 25,174 | 5,636 |
| | 007639 University of Washington | 6941764 | C | P061090 | UWSC11381 PO42935 | How /Jonathan P | 08/01/19 | 08/31/22 | 119,902 | 699,433 | 410,223 |
| | | 6941979 | C | P417500 | UWSC11420 | Jarillo-Herrero /Pablo | 09/30/19 | 09/29/22 | 374,081 | 736,125 | 81,172 |
| | 010351 University of Texas at Arlington | 6934964 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 09/01/16 | 03/31/23 | 0 | 0 | 0 |
| | | 6935077 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 09/01/16 | 02/28/17 | 0 | 62,695 | (0) |
| | | 6935770 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/17 | 02/28/18 | 0 | 115,575 | (0) |
| | | 6938479 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/18 | 02/28/19 | 0 | 120,291 | 0 |
| | | 6940726 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/19 | 08/31/19 | 0 | 60,703 | (0) |
| | | 6941202 | C | P401710 | 2016GC524 | Zhang /Shun-Rong | 06/01/19 | 03/31/23 | 34,620 | 160,811 | (1,974) |
| | | 6941833 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/19 | 09/30/21 | 14,993 | 151,814 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941842 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 09/01/19 | 02/29/20 | 0 | 56,395 | (0) |
| | | 6943138 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/20 | 02/28/21 | 0 | 121,009 | (0) |
| | | 6944421 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 09/01/21 | 03/31/23 | 76,714 | 200,000 | 123,286 |
| | | 6945415 | C | P401710 | 2016GC5246 | Zhang /Shun-Rong | 03/01/21 | 09/30/22 | 24,099 | 30,279 | 6,180 |
| | 010438 Boise State University | 6940736 | C | P060600 | 8583-PO132256 | Akinwande /Akintunde I | 04/15/19 | 04/14/23 | 0 | 0 | (0) |
| | | 6940737 | C | P060600 | 8583-PO132256 | Akinwande /Akintunde I | 04/15/19 | 04/14/20 | 0 | 80,000 | (0) |
| | | 6943108 | C | P060600 | 8583-PO132256 | Akinwande /Akintunde I | 01/15/20 | 04/14/21 | 0 | 134,382 | 0 |
| | | 6945142 | C | P060600 | 8583-PO132256 | Akinwande /Akintunde I | 04/15/19 | 04/14/23 | 31,963 | 65,618 | 27,746 |
| | 010883 Zona Technolog | 6941723 | C | P061090 | ZTSMIT-CHAOTIC-II | Wang /Qiqi | 03/29/19 | 07/01/21 | 1,312 | 232,174 | 228 |
| | 105170 National Aerosp | 6941220 | C | P061098 | AGMT. DTD. 06/24/2019 | Harris /Wesley L | 06/24/19 | 09/30/21 | 0 | 125,000 | 15 |
| | 107810 Target Arm, Inc. | 6945996 | C | P401823 | AGMT. DTD. 02/26/2021 | Murray /Fiona E | 02/26/21 | 12/31/21 | 18,655 | 14,495 | (4,161) |
| | **Total by Primary Sponsor** | | | | | | | | **9,436,704** | **51,970,546** | **13,443,662** |
| 000108 Air Force Research Laboratory | 000108 Air Force Research Laboratory | 6936227 | C | P067952 | FA8750-17-2-0126 | Amarasinghe /Saman P | 02/03/17 | 06/30/20 | (7,973) | 2,027,728 | (0) |
| | | 6936511 | C | P067952 | FA8750-17-2-0126 | Jegelka /Stefanie Sabrina | 02/03/17 | 06/30/20 | (61) | 249,912 | 0 |
| | | 6937011 | C | P267600 | FA8650-17-1-7713 | Watts /Michael R | 09/29/17 | 11/30/20 | 0 | 322,894 | 0 |
| | | 6937179 | C | P069201 | FA8750-17-C-0229 | Voigt /Christopher A. | 08/24/17 | 03/31/22 | 380,659 | 2,011,795 | 7,615 |
| | | 6937180 | C | P069201 | FA8750-17-C-0229 | Voigt /Christopher A. | 08/24/17 | 08/24/21 | 0 | 881,574 | (0) |
| | | 6937181 | C | P069201 | FA8750-17-C-0229 | Voigt /Christopher A. | 08/24/17 | 06/30/22 | 217,529 | 1,760,900 | 145,899 |
| | | 6937459 | C | P154500 | FA8750-17-C-0239 | Mansinghka /Vikash K | 09/27/17 | 09/26/21 | 190,543 | 2,543,597 | 0 |
| | | 6938358 | C | P065004 | FA9453-18-2-0017 | Kim /Jeehwan | 02/26/18 | 08/26/21 | (14,271) | 300,000 | 6,600 |
| | | 6940953 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 05/17/19 | 05/16/24 | 0 | 7,744,642 | 7,744,642 |
| | | 6941017 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 05/17/19 | 05/16/24 | 1,563,670 | 4,520,338 | 657,296 |
| | | 6941962 | C | P310000 | FA8750-19-2-1000 | Kepner /Jeremy | 07/01/19 | 05/16/24 | 240,000 | 490,367 | 70,004 |
| | | 6941963 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 07/01/19 | 05/16/24 | 390,431 | 708,536 | (12,740) |
| | | 6941964 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 07/01/19 | 05/16/24 | 1,619 | 253,955 | 52,527 |
| | | 6942337 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 01/01/20 | 12/31/22 | 0 | 0 | 0 |
| | | 6942358 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 01/01/20 | 12/31/22 | 561,813 | 1,553,185 | 294,270 |
| | | 6942369 | C | P061093 | FA8750-19-2-1000 | Balakrishnan /Hamsa | 01/01/20 | 12/31/22 | 316,791 | 975,773 | 257,086 |
| | | 6942370 | C | P067952 | FA8750-19-2-1000 | Isola /Phillip John | 01/01/20 | 12/31/22 | 202,177 | 738,950 | 359,912 |
| | | 6942371 | C | P068700 | FA8750-19-2-1000 | Karaman /Sertac | 01/01/20 | 12/31/22 | 332,184 | 889,358 | 87,470 |
| | | 6942374 | C | P267110 | FA8750-19-2-1000 | Heldt /Thomas | 01/01/20 | 12/31/22 | 360,835 | 678,546 | 17,182 |
| | | 6942375 | C | P067952 | FA8750-19-2-1000 | Leiserson /Charles E | 01/01/20 | 12/31/22 | 1,122 | 0 | (30,259) |
| | | 6942383 | C | P067952 | FA8750-19-2-1000 | Edelman /Alan | 01/01/20 | 12/31/22 | 740,099 | 1,070,871 | (196,372) |
| | | 6942384 | C | P267110 | FA8750-19-2-1000 | Wornell /Gregory W | 01/01/20 | 12/31/22 | 0 | 320,826 | 320,826 |
| | | 6942386 | C | P067952 | FA8750-19-2-1000 | O'Reilly /Una-May | 01/01/20 | 12/31/22 | 0 | 49,811 | (0) |
| | | 6942412 | C | P067952 | FA8750-19-2-1000 | Glass /James R | 01/01/20 | 12/31/22 | 118,555 | 501,606 | 78,531 |
| | | 6942413 | C | P405044 | FA8750-19-2-1000 | Miyagawa /Shigeru | 01/01/20 | 12/31/22 | 346,553 | 656,369 | 111,847 |
| | | 6942414 | C | P061090 | FA8750-19-2-1000 | Newman /Dava J | 01/01/20 | 12/31/22 | 110,042 | 494,285 | 88,928 |
| | | 6942415 | C | P067952 | FA8750-19-2-1000 | Madry /Aleksander | 01/01/20 | 12/31/22 | 214,863 | 773,216 | 112,502 |
| | | 6942416 | C | P067952 | FA8750-19-2-1000 | Agrawal /Pulkit | 01/01/20 | 12/31/22 | 36,300 | 714,143 | 354,706 |
| | | 6942417 | C | P068700 | FA8750-19-2-1000 | Ozdaglar /Asuman E | 01/01/20 | 12/31/22 | 82,681 | 469,655 | 123,829 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942427 | C | P067952 | FA8750-19-2-1000 | Rus /Daniela L | 01/01/20 | 12/31/22 | 342,869 | 919,364 | 86,102 |
| | | 6942428 | C | P061093 | FA8750-19-2-1000 | Balakrishnan /Hamsa | 01/01/20 | 12/31/22 | 453,484 | 979,367 | 6,777 |
| | | 6942429 | C | P068700 | FA8750-19-2-1000 | Karaman /Sertac | 01/01/20 | 12/31/22 | 381,769 | 909,192 | (119,589) |
| | | 6942430 | C | P067952 | FA8750-19-2-1000 | Glass /James R | 01/01/20 | 12/31/22 | 187,629 | 998,120 | 182,862 |
| | | 6942431 | C | P067952 | FA8750-19-2-1000 | Isola /Phillip John | 01/01/20 | 12/31/22 | 388,953 | 812,969 | (87,574) |
| | | 6942432 | C | P267110 | FA8750-19-2-1000 | Heldt /Thomas | 01/01/20 | 12/31/22 | 7,287 | 88,529 | (0) |
| | | 6942433 | C | P067952 | FA8750-19-2-1000 | Edelman /Alan | 01/01/20 | 12/31/22 | 48,206 | 863,935 | 110,102 |
| | | 6942434 | C | P267110 | FA8750-19-2-1000 | Wornell /Gregory W | 01/01/20 | 12/31/22 | 79,947 | 250,000 | 24,078 |
| | | 6942435 | C | P067952 | FA8750-19-2-1000 | Leiserson /Charles E | 01/01/20 | 12/31/22 | 825,041 | 1,715,139 | (202,974) |
| | | 6942436 | C | P067952 | FA8750-19-2-1000 | Kraska /Tim | 01/01/20 | 12/31/22 | 470,797 | 967,093 | (113,370) |
| | | 6942437 | C | P061090 | FA8750-19-2-1000 | Newman /Dava J | 01/01/20 | 12/31/22 | 326,059 | 988,569 | 53,041 |
| | | 6942438 | C | P067952 | FA8750-19-2-1000 | Madry /Aleksander | 01/01/20 | 12/31/22 | 137,534 | 534,383 | (7,751) |
| | | 6942439 | C | P067952 | FA8750-19-2-1000 | Agrawal /Pulkit | 01/01/20 | 12/31/22 | 216,931 | 855,000 | 132,121 |
| | | 6942440 | C | P068700 | FA8750-19-2-1000 | Ozdaglar /Asuman E | 01/01/20 | 12/31/22 | 334,159 | 833,361 | (35,071) |
| | | 6942441 | C | P153000 | FA8750-19-2-1000 | Hill /Christopher N | 01/01/20 | 12/31/22 | 114,690 | 494,285 | 215,812 |
| | | 6942452 | C | P067952 | FA8750-19-2-1000 | Leiserson /Charles E | 01/01/20 | 12/31/22 | 635,164 | 1,384,852 | 38,782 |
| | | 6942453 | C | P067952 | FA8750-19-2-1000 | Kraska /Tim | 01/01/20 | 12/31/22 | 236,027 | 809,409 | (18,699) |
| | | 6942495 | C | P068700 | FA8750-19-2-1000 | Carlone /Luca | 01/01/20 | 12/31/22 | 98,321 | 287,113 | 15,380 |
| | | 6942501 | C | P067952 | FA8750-19-2-1000 | Glass /James R | 01/01/20 | 12/31/22 | 130,874 | 495,269 | 19,345 |
| | | 6942512 | C | P267110 | FA8750-19-2-1000 | Wornell /Gregory W | 01/01/20 | 12/31/22 | 55,577 | 250,000 | 51,224 |
| | | 6942513 | C | P267110 | FA8750-19-2-1000 | Wornell /Gregory W | 01/01/20 | 12/31/22 | 323,165 | 378,000 | (178,111) |
| | | 6942514 | C | P068700 | FA8750-19-2-1000 | Polyanskiy /Yury | 01/01/20 | 12/31/22 | 68,922 | 294,000 | 163,287 |
| | | 6942755 | C | P067952 | FA8750-19-2-1000 | Isola /Phillip John | 01/01/20 | 12/31/22 | 23,305 | 273,526 | 15,799 |
| | | 6942794 | C | P068700 | FA8750-19-2-1000 | Broderick /Tamara A | 01/01/20 | 12/31/22 | 111,330 | 275,538 | 23,338 |
| | | 6942868 | C | P067952 | FA8750-19-2-1000 | Ghobadi /Manya | 01/01/20 | 12/31/22 | 108,703 | 258,781 | (15,351) |
| | | 6942869 | C | P067952 | FA8750-19-2-1000 | Freeman /William T | 01/01/20 | 12/31/22 | (68,560) | 293,673 | (80,766) |
| | | 6943099 | C | P267500 | FA8750-19-2-1000 | Soljacic /Marin | 01/01/20 | 12/31/22 | 91,882 | 315,000 | (10,331) |
| | | 6943129 | C | P067952 | FA8750-19-2-1000 | Madry /Aleksander | 01/01/20 | 12/31/22 | 105,260 | 357,155 | 144,859 |
| | | 6943130 | C | P068700 | FA8750-19-2-1000 | Parrilo /Pablo A | 01/01/20 | 12/31/22 | 187,918 | 357,155 | 121,002 |
| | | 6943157 | C | P067952 | FA8750-19-2-1000 | Barzilay /Regina | 01/01/20 | 12/31/22 | 92,309 | 315,000 | 137,895 |
| | | 6943167 | C | P405044 | FA8750-19-2-1000 | Miyagawa /Shigeru | 01/01/20 | 12/31/22 | 74,594 | 144,736 | (25,997) |
| | | 6944168 | C | P068700 | FA8750-19-2-1000 | Karaman /Sertac | 07/15/20 | 05/28/22 | 50,879 | 83,464 | 1,982 |
| | | 6944356 | C | P267111 | FA8750-20-2-1007 | Englund /Dirk R. | 09/30/20 | 09/29/23 | 143,941 | 379,400 | 161,209 |
| | | 6944575 | C | P067952 | FA8750-19-2-1000 | Satyanarayan /Arvind | 01/01/21 | 12/31/22 | 155,128 | 169,421 | (51,864) |
| | | 6944608 | C | P067952 | FA8750-19-2-1000 | O'Reilly /Una-May | 12/01/20 | 06/30/22 | 36,204 | 100,189 | 13,235 |
| | | 6944875 | C | P405015 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 12/31/22 | 0 | 421,008 | 421,008 |
| | | 6944876 | C | P405015 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 06/30/22 | 233,718 | 983,149 | (54,409) |
| | | 6944877 | C | P067952 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 06/30/22 | 368,931 | 631,348 | 86,998 |
| | | 6944878 | C | P310000 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 12/31/22 | 148,206 | 90,193 | (76,730) |
| | | 6944879 | C | P039000 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 12/31/22 | 502,369 | 614,620 | (87,844) |
| | | 6944880 | C | P405056 | FA8750-19-2-1000 | Breazeal /Cynthia Lynn | 01/01/21 | 12/31/22 | 257,215 | 289,977 | (120,084) |
| | | 6944910 | C | P067952 | FA8750-19-2-1000 | Torralba /Antonio | 01/01/20 | 12/31/22 | 818 | 169,421 | 115,493 |
| | | 6945356 | C | P067952 | FA8750-19-2-1000 | Isola /Phillip John | 01/01/21 | 12/31/21 | 0 | 0 | 0 |
| | | 6945736 | C | P267111 | FA8750-20-2-1007 | Englund /Dirk R. | 09/30/20 | 09/29/23 | 21,893 | 20,600 | (1,293) |
| | | 6946507 | C | P061096 | FA8750-19-2-1000 | Linares /Richard | 10/21/21 | 09/30/22 | 48,109 | 58,505 | 10,395 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 009001 Lincoln Laborat | 6941416 | C | P065005 | PO# 7000462136 | Zhao /Xuanhe | 09/01/19 | 02/28/22 | 9,289 | 50,000 | 0 |
| | 010100 Siemens Corpo | 6944760 | C | P067952 | SUB AGREEMENT NO. 198-02 | Solar Lezama /Armando | 10/01/20 | 08/01/24 | 312,712 | 530,000 | 104,570 |
| | 010340 UES, Inc. | 6942017 | C | P069201 | SUB NO. S-111-051-006 | Voigt /Christopher A. | 10/17/19 | 06/28/22 | 94,876 | 320,000 | 6,254 |
| | 010948 GE Global Research | 6942342 | C | P060051 | PO 401134429 | Fraenkel /Ernest | 11/01/19 | 03/31/22 | 0 | 0 | 0 |
| | | 6942343 | C | P069201 | PO 401134429 | Fraenkel /Ernest | 11/01/19 | 03/31/22 | 529,124 | 1,040,231 | 67,634 |
| | 011157 Applied Research Associates, | 6944987 | C | P153000 | S-D00243-05-IDIQ-MIT | Ravela /Sai Czander | 11/13/20 | 08/12/21 | 7,378 | 37,302 | 9,911 |
| | | 6946947 | C | P153000 | S-D00243-05-IDIQ-MIT | Ravela /Sai Czander | 01/10/22 | 01/09/24 | 15,378 | 99,912 | 84,533 |
| | 104062 SUNY: AIM Photonics | 6936145 | C | P069850 | AGMT. DTD. 3/22/2016 | Kimerling /Lionel C | 01/01/17 | 06/30/18 | (1,258) | 725,448 | 0 |
| | | 6940845 | C | P069850 | AGMT. DTD. 3/22/2016 | Kimerling /Lionel C | 01/01/19 | 12/31/19 | 0 | 1,139,373 | 0 |
| | 107375 Raytheon Techr | 6944946 | C | P061097 | 1257946; PO#2607440 | Marzouk /Youssef M | 09/15/20 | 03/31/23 | 155,792 | 204,000 | (739) |
| | 108708 Azimuth Corpor | 6945195 | C | P066000 | 238-013 | Hu /Juejun | 02/22/21 | 02/21/22 | 105,976 | 115,000 | (4,259) |
| | 108776 ARCTOS Techr | 6936095 | C | P065004 | 17-S8401-05-C1 / PO# SUBK-00150 | Annaswamy /Anuradha M | 04/01/17 | 03/31/22 | 141,736 | 584,000 | (0) |
| | 109271 Synaptic Securi | 6946837 | C | P067952 | STTR FA864922P0098 | Rinard /Martin C | 10/25/21 | 01/25/22 | 0 | 15,000 | 15,000 |
| | **Total by Primary Sponsor** | | | | | | | | **16,314,722** | **61,272,904** | **11,999,523** |
| 000113 Asian Office of Aerospace Research and Development | 000113 Asian Office of Aerospace Research and Development | 6944140 | C | P267111 | FA2386-20-1-4070 | Englund /Dirk R. | 09/30/20 | 09/29/22 | 40,306 | 151,933 | 84,955 |
| | | 6945530 | C | P267111 | FA2386-20-1-4070 | Englund /Dirk R. | 09/30/20 | 09/29/22 | 45,744 | 48,067 | 1,818 |
| | | 6946274 | C | P267200 | FA2386-21-1-4058 | Oliver /William D | 09/30/21 | 09/29/24 | 58,868 | 99,999 | 41,131 |
| | **Total by Primary Sponsor** | | | | | | | | **144,918** | **299,999** | **127,904** |
| 000120 Army | 000120 Army | 6939282 | C | P267200 | W911NF1810411 | Oliver /William D | 08/01/18 | 07/31/22 | 471,666 | 1,984,647 | 95,426 |
| | | 6939283 | C | P267200 | W911NF1810411 | Oliver /William D | 08/01/18 | 07/31/22 | 140,397 | 615,353 | 122,124 |
| | | 6940421 | C | P063007 | W911NF1920098 | Buehler /Markus J | 03/15/19 | 12/14/22 | 99,211 | 366,939 | 71,388 |
| | | 6943391 | C | P402000 | W911SR20C0031 | Belcher /Angela M | 06/01/20 | 05/31/23 | 554,993 | 3,000,000 | 2,005,642 |
| | 005423 Carnegie-Mellor | 6942018 | C | P067952 | 1130236-420697 | Leonard /John J | 08/01/19 | 07/31/20 | 79 | 163,230 | 0 |
| | 007533 University of California-Santa Barbar | 6940457 | C | P069201 | SUBAWARD NO. KK1955 | Lauffenburger /Douglas A | 12/01/18 | 11/30/23 | 0 | 0 | 0 |
| | | 6940558 | C | P165000 | SUBAWARD NO. KK1955 | Ribbeck /Katharina | 12/01/18 | 11/30/23 | 117,285 | 544,755 | (27,815) |
| | | 6940559 | C | P165000 | SUBAWARD NO. KK1955 | Bathe /Mark | 12/01/18 | 11/30/23 | 77,961 | 262,563 | (22,022) |
| | | 6940560 | C | P066000 | SUBAWARD NO. KK1955 | Macfarlane /Robert J | 12/01/18 | 11/30/23 | 91,636 | 283,671 | 36,424 |
| | | 6940561 | C | P069201 | SUBAWARD NO. KK1955 | Lauffenburger /Douglas A | 12/01/18 | 11/30/23 | 234,589 | 622,451 | 18,371 |
| | | 6940562 | C | P069201 | SUBAWARD NO. KK1955 | Voigt /Christopher A. | 12/01/18 | 11/30/23 | 211,908 | 546,530 | 37,971 |
| | | 6941151 | C | P069200 | KK9151 | Lauffenburger /Douglas A | 11/15/18 | 11/14/19 | 0 | 71,295 | (0) |
| | | 6941194 | C | P069201 | KK9151 | Voigt /Christopher A. | 11/15/18 | 11/14/19 | 0 | 87,690 | (0) |
| | 007625 University of California | 6929254 | C | P066000 | KK9151 | Belcher /Angela M | 12/01/13 | 11/30/18 | 0 | 2,731 | 2,731 |
| | | 6929258 | C | P069200 | KK9151-31 | Fraenkel /Ernest | 12/01/13 | 03/31/15 | 0 | 90,239 | 0 |
| | | 6929263 | C | P066000 | KK9151-33 | Belcher /Angela M | 12/01/13 | 11/30/16 | 0 | 548,682 | 0 |
| | | 6929266 | C | P065004 | KK9151-35 | Buie /Cullen | 12/01/13 | 03/31/15 | 0 | 100,000 | 0 |
| | | 6929267 | C | P062000 | KK9151-35 | Doyle /Patrick S | 12/01/13 | 11/30/16 | 0 | 318,456 | (0) |
| | | 6929268 | C | P062000 | KK9151-35 | Prather /Kristala L | 12/01/13 | 11/30/16 | 0 | 243,492 | 0 |
| | | 6941708 | C | P069201 | SUBAWARD NO. KK1957-05 | Voigt /Christopher A. | 02/14/19 | 12/31/21 | 1,157 | 300,000 | 0 |
| | 110071 LaunchBay LLC | 6947081 | C | P065004 | SUB# LB-113-1/PO# 113001 | Boriskina /Svetlana V | 02/15/22 | 08/12/22 | 36,186 | 62,000 | 25,814 |
| | **Total by Primary Sponsor** | | | | | | | | **2,037,067** | **10,214,724** | **2,366,054** |
| 000124 Army Research Office | 000124 Army Research Office | 6924551 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 09/01/11 | 07/31/22 | 0 | 20,000 | 428 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Research Office | Office | 6924603 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 09/01/11 | 07/31/22 | 138,867 | 2,209,647 | 294,603 |
| | | 6924604 | C | P267100 | W911NF-11-1-0400 | Vuletic /Vladan | 09/01/11 | 08/10/17 | 0 | 686,816 | (0) |
| | | 6924605 | C | P267110 | W911NF-11-1-0400 | Lloyd /Seth | 09/01/11 | 02/28/17 | 0 | 425,000 | (0) |
| | | 6924606 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 09/01/11 | 02/28/17 | 0 | 668,471 | 0 |
| | | 6924607 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 09/01/11 | 05/31/22 | 331,507 | 4,748,142 | 421 |
| | | 6924608 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 09/01/11 | 05/31/18 | 0 | 391,963 | 0 |
| | | 6928382 | C | P267100 | W911NF-11-1-0400 | Cappellaro /Paola | 07/01/13 | 08/31/14 | 0 | 49,209 | 0 |
| | | 6933386 | C | P069850 | W911NF-16-1-0034 | Checkelsky /Joseph | 01/01/16 | 12/31/22 | 120,174 | 1,027,087 | 64,674 |
| | | 6933559 | C | P062000 | W911NF-16-2-0023 | Jensen /Klavs F | 01/18/16 | 02/17/21 | 273 | 2,674,298 | 0 |
| | | 6933684 | C | P152000 | W911NF-16-2-0023 | Jamison /Timothy F | 02/17/16 | 02/17/21 | (274) | 2,035,493 | (0) |
| | | 6933687 | C | P067952 | W911NF-16-2-0023 | Barzilay /Regina | 02/17/16 | 02/17/21 | (11,088) | 861,602 | (0) |
| | | 6934570 | C | P065004 | W911NF-16-1-0440 | Kamrin /Kenneth N | 08/01/16 | 08/31/21 | 47,994 | 619,611 | 513 |
| | | 6934600 | C | P153000 | W911NF-16-1-0440 | Perron /Jay Taylor | 08/01/16 | 08/31/21 | 10,476 | 448,215 | 0 |
| | | 6935061 | C | P062000 | W911NF-16-2-0023 | Jensen /Klavs F | 10/01/16 | 02/17/21 | 0 | 234,495 | 0 |
| | | 6935977 | C | P039070 | W911NF-17-2-0043 | Herr /Hugh M | 01/01/17 | 03/14/17 | 0 | 31,457 | 0 |
| | | 6935978 | C | P039070 | W911NF-17-2-0043 | Herr /Hugh M | 03/15/17 | 03/31/22 | 103,405 | 1,946,145 | (0) |
| | | 6936322 | C | P039070 | W911NF-17-2-0043 | Herr /Hugh M | 03/15/17 | 09/05/19 | 0 | 172,398 | 0 |
| | | 6937115 | C | P267111 | W911NF-17-1-0435 | Englund /Dirk R. | 09/05/17 | 09/04/21 | 14,980 | 297,624 | 0 |
| | | 6937147 | C | P152000 | W911NF-17-1-0521 | Johnson /Jeremiah A. | 10/01/17 | 09/30/21 | (12,006) | 360,000 | (0) |
| | | 6937274 | C | P065005 | W911NF-17-1-0527 | Lloyd /Seth | 09/29/17 | 03/31/22 | 487,706 | 1,500,000 | 484 |
| | | 6937522 | C | P068700 | W911NF-17-1-0508 | Modiano /Eytan H | 09/25/17 | 09/24/21 | 37,835 | 385,588 | 0 |
| | | 6937606 | C | P069850 | W911NF-16-1-0034 | Checkelsky /Joseph | 11/01/17 | 03/31/19 | 0 | 22,411 | 0 |
| | | 6938355 | C | P065004 | W911NF-18-1-0118 | Kamrin /Kenneth N | 03/01/18 | 11/30/22 | 38,316 | 331,000 | (96,858) |
| | | 6938399 | C | P267200 | W911NF-18-1-0116 | Oliver /William D | 04/01/18 | 06/30/22 | 240,833 | 979,964 | (7,599) |
| | | 6938513 | C | P158000 | W911NF-18-1-0116 | Levitov /Leonid | 04/01/18 | 06/30/22 | 42,596 | 247,109 | 0 |
| | | 6938515 | C | P158000 | W911NF-18-1-0116 | Jarillo-Herrero /Pablo | 04/01/18 | 06/30/22 | 142,577 | 450,000 | 13,483 |
| | | 6939264 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 0 | 0 | 0 |
| | | 6939278 | C | P267111 | W911NF-17-1-0435 | Englund /Dirk R. | 09/05/17 | 09/04/21 | 0 | 16,089 | 0 |
| | | 6939336 | C | P165000 | W911NF1810436 | Bathe /Mark | 09/10/18 | 09/09/21 | (14) | 70,000 | (0) |
| | | 6939390 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 364,929 | 1,147,953 | 80,511 |
| | | 6939391 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 397,491 | 1,147,953 | 47,949 |
| | | 6939392 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 222,720 | 582,453 | 0 |
| | | 6939636 | C | P068700 | W911NF-18-1-0407 | Ozdaglar /Asuman E | 09/01/18 | 03/27/22 | 53,297 | 479,957 | (0) |
| | | 6939717 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 133,742 | 534,185 | 5,894 |
| | | 6939718 | C | P267100 | W911NF1810432 | Kong /Jing | 06/03/18 | 02/28/24 | 252,573 | 578,455 | (153,588) |
| | | 6939911 | C | P267111 | W911NF1810432 | Englund /Dirk R. | 06/03/18 | 02/28/24 | 13,842 | 84,000 | 36,820 |
| | | 6940076 | C | P069400 | W911NF-19-1-0057 | Jadbabaie-Moghadam /Ali | 10/01/18 | 12/31/21 | 294,692 | 1,350,000 | (0) |
| | | 6940226 | C | P065005 | W911NF-19-1-0098 | Patera /Anthony T | 02/01/19 | 05/31/22 | 62,758 | 441,392 | 0 |
| | | 6940377 | C | P068700 | W911NF1910156 | Modiano /Eytan H | 12/15/18 | 10/14/21 | 0 | 0 | 0 |
| | | 6940504 | C | P068700 | W911NF1910156 | Modiano /Eytan H | 12/15/18 | 10/14/21 | 21,169 | 142,387 | 0 |
| | | 6940691 | C | P069400 | W911NF-19-1-0217 | Jadbabaie-Moghadam /Ali | 03/01/19 | 05/31/22 | 1,501,145 | 3,354,500 | (235,942) |
| | | 6940722 | C | P065004 | W911NF-19-1-0311 | Gallant /Betar Maurkah | 05/15/19 | 05/14/22 | 50,059 | 150,000 | (1,443) |
| | | 6940841 | C | P063007 | W911NF-19-1-0275 | Cohen /Tal | 05/13/19 | 05/12/23 | 192,613 | 719,948 | 46,685 |
| | | 6940854 | C | P068700 | W911NF-19-1-0322 | Karaman /Sertac | 05/29/19 | 05/28/23 | 78,982 | 349,551 | 42,164 |
| | | 6941398 | C | P402000 | W911NF1920211 | Love /John C | 06/27/19 | 06/26/22 | 583,272 | 2,617,348 | 833,538 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941613 | C | P267100 | W911NF1910517 | Vuletic /Vladan | 09/26/19 | 09/25/22 | 29,520 | 386,000 | 21,954 |
| | | 6941688 | C | P267100 | W911NF-19-1-0511 | Zwierlein /Martin Wolfram | 09/20/19 | 12/31/21 | 103,697 | 527,541 | (605) |
| | | 6941752 | C | P267500 | W911NF-19-1-0481 | Chuang /Isaac | 09/27/19 | 03/31/21 | 6,106 | 333,144 | 43 |
| | | 6941866 | C | P267500 | W911NF-19-1-0481 | Chuang /Isaac | 09/26/19 | 03/31/21 | 1,846 | 266,466 | (0) |
| | | 6942012 | C | P267500 | W911NF-19-1-0481 | Chuang /Isaac | 09/27/19 | 09/26/20 | (5,386) | 51,581 | 0 |
| | | 6942268 | C | P267100 | W911NF-19-1-0511 | Zwierlein /Martin Wolfram | 09/20/19 | 12/31/21 | 17,552 | 104,266 | 1,362 |
| | | 6942425 | C | P267100 | W911NF1910517 | Vuletic /Vladan | 09/26/19 | 09/25/22 | 134,396 | 299,000 | (44) |
| | | 6942988 | C | P243021 | W911NF2020061 | Moodera /Jagadeesh | 03/11/20 | 12/10/23 | 137,192 | 600,000 | 177,975 |
| | | 6943030 | C | P267100 | W911NF-19-1-0511 | Zwierlein /Martin Wolfram | 03/01/20 | 12/31/21 | 45,255 | 50,782 | 0 |
| | | 6943101 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 177,997 | 688,734 | 168,264 |
| | | 6943140 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 500,445 | 1,332,952 | 633,147 |
| | | 6943141 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 0 | 706,952 | 457,832 |
| | | 6943195 | C | P065005 | W911NF2010100 | Sapsis /Themistoklis Panagioti | 05/07/20 | 05/06/23 | 92,904 | 320,000 | 106,360 |
| | | 6943329 | C | P267111 | W911NF2010084 | Englund /Dirk R. | 06/01/20 | 05/31/23 | 25,531 | 110,000 | 59,252 |
| | | 6943343 | C | P243021 | W911NF-20-1-0074 | Moodera /Jagadeesh | 06/15/20 | 06/14/23 | 0 | 359,981 | 11,293 |
| | | 6943380 | C | P067952 | W911NF-20-1-0168 | Solomon /Justin | 06/15/20 | 06/14/22 | 155,657 | 193,610 | 302 |
| | | 6943445 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 56,742 | 171,362 | (19,804) |
| | | 6943540 | C | P267111 | W911NF2010084 | Englund /Dirk R. | 06/01/20 | 05/31/23 | 19,541 | 200,000 | 21,571 |
| | | 6943631 | C | P267100 | W911NF-11-1-0400 | Vuletic /Vladan | 06/01/20 | 07/31/22 | 218,701 | 450,000 | 64,231 |
| | | 6943668 | C | P267100 | W911NF-11-1-0400 | Vuletic /Vladan | 06/01/20 | 07/31/22 | 115,054 | 100,000 | (108,602) |
| | | 6943715 | C | P267100 | W911NF1910517 | Vuletic /Vladan | 09/26/19 | 09/25/21 | 10,970 | 65,000 | (41,470) |
| | | 6944179 | C | P068700 | W911NF-19-1-0322 | Karaman /Sertac | 05/29/19 | 05/28/23 | 66,711 | 28,199 | (45,158) |
| | | 6944561 | C | P068700 | W911NF-19-1-0322 | Karaman /Sertac | 11/15/20 | 05/28/23 | 29,721 | 47,600 | (1,554) |
| | | 6944562 | C | P068700 | W911NF-19-1-0322 | Karaman /Sertac | 11/15/20 | 05/28/23 | 21,689 | 24,650 | 2,961 |
| | | 6944818 | C | P061094 | W911NF2110054 | Cordero /Zachary Copoulos | 01/04/21 | 01/03/24 | 127,287 | 165,101 | 31,711 |
| | | 6944942 | C | P069201 | W911NF2120109 | Weiss /Ron | 03/01/21 | 04/22/22 | 347,900 | 387,634 | 0 |
| | | 6944944 | C | P067952 | W911NF2110095 | Solomon /Justin | 01/10/21 | 01/09/22 | 22,181 | 24,060 | 0 |
| | | 6945147 | C | P063007 | W911NF-21-1-0178 | Buehler /Markus J | 04/02/21 | 04/01/22 | 59,999 | 60,000 | 1 |
| | | 6945329 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 28,926 | 463,000 | 364,634 |
| | | 6945330 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/23 | 0 | 712,000 | 712,000 |
| | | 6945331 | C | P267500 | W911NF-20-1-0037 | Chuang /Isaac | 01/23/20 | 04/22/22 | 273,891 | 275,000 | 1,109 |
| | | 6945342 | C | P417500 | W911NF-21-1-0174 | Gedik /Nuh | 04/21/21 | 04/20/22 | 321,254 | 378,197 | 52,692 |
| | | 6945417 | C | P159300 | W911NF2110328 | Sur /Mriganka | 08/15/21 | 08/14/24 | 216,913 | 290,956 | 74,043 |
| | | 6945477 | C | P243021 | W911NF-20-1-0074 | Moodera /Jagadeesh | 06/15/20 | 06/14/23 | 14,507 | 65,000 | 38,975 |
| | | 6945561 | C | P067952 | W911NF2110293 | Solomon /Justin | 07/01/21 | 06/30/23 | 228,379 | 280,000 | 51,621 |
| | | 6945571 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 0 | 0 | 0 |
| | | 6945572 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 496,861 | 649,983 | 75,519 |
| | | 6945573 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 330,827 | 391,478 | 60,651 |
| | | 6945574 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 29,389 | 84,852 | 55,463 |
| | | 6945576 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 98,927 | 167,180 | 68,253 |
| | | 6945618 | C | P152000 | W911NF-21-1-0124 | Dinca /Mircea | 05/01/21 | 01/31/23 | 146,829 | 205,172 | 58,343 |
| | | 6945622 | C | P066000 | W911NF2120159 | Schuh /Christopher A | 06/18/21 | 06/17/24 | 123,001 | 547,000 | 423,999 |
| | | 6945797 | C | P065005 | W911NF2110332 | Van Rees /Willem Marinus | 07/16/21 | 07/15/24 | 91,032 | 160,744 | 69,711 |
| | | 6945981 | C | P267111 | W911NF2120041 | Berggren /Karl K | 03/03/21 | 11/30/22 | 67,704 | 45,000 | (22,704) |
| | | 6946255 | C | P159300 | W911NF2110328 | Sur /Mriganka | 08/15/21 | 08/14/24 | 39,998 | 229,520 | 189,521 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946256 | C | P159300 | W911NF2110328 | Sur /Mriganka | 08/15/21 | 08/14/24 | 0 | 229,520 | 229,520 |
| | | 6946257 | C | P400600 | W911NF2110328 | Graybiel /Ann M | 08/15/21 | 08/14/24 | 25,929 | 226,192 | 200,263 |
| | | 6946258 | C | P067952 | W911NF2110328 | Agrawal /Pulkit | 08/15/21 | 08/14/24 | 80,437 | 226,192 | 145,755 |
| | | 6946259 | C | P154500 | W911NF2110328 | Rakhlin /Alexander | 08/15/21 | 08/14/24 | 0 | 226,192 | 226,192 |
| | | 6946943 | C | P267100 | W911NF2210024 | Ketterle /Wolfgang | 02/01/22 | 01/31/23 | 48,315 | 179,090 | 130,775 |
| | | 6947086 | C | P267111 | W911NF2210043 | Englund /Dirk R. | 03/01/22 | 02/28/23 | 0 | 247,807 | 247,807 |
| | | 6947122 | C | P267200 | W911NF2210023 | Oliver /William D | 02/15/22 | 02/14/25 | 0 | 0 | 0 |
| | | 6947123 | C | P267200 | W911NF2210023 | Oliver /William D | 02/15/22 | 02/14/25 | 18,809 | 350,000 | 331,191 |
| | | 6947124 | C | P267100 | W911NF2210023 | Kong /Jing | 02/15/22 | 02/14/25 | 4,739 | 150,000 | 145,261 |
| | | 6947299 | C | P267100 | W911NF2210024 | Ketterle /Wolfgang | 02/01/22 | 01/31/23 | 0 | 20,910 | 20,910 |
| | | 6947722 | C | P062000 | W911QY2220003 | Furst /Ariel L | 05/27/22 | 05/26/23 | 6,320 | 80,892 | 74,572 |
| | 002930 General Dynamics | 6936534 | C | P067952 | PO# 40279278 | Roy /Nicholas | 01/01/17 | 08/31/20 | (7,663) | 440,023 | 0 |
| | | 6936536 | C | P067952 | PO# 40279278 | Roy /Nicholas | 01/01/17 | 08/31/20 | 255 | 99,009 | 0 |
| | 005274 Boston Universi | 6941261 | C | P267200 | 4500003079 | Ram /Rajeev J | 05/01/19 | 08/31/21 | 16,992 | 329,124 | 0 |
| | 005408 California Institu | 6939667 | C | P417500 | S396000 | Gedik /Nuh | 09/11/18 | 10/31/22 | 6,793 | 183,925 | 3,852 |
| | 005690 Duke University | 6939801 | C | P267200 | 313-0837 | Oliver /William D | 09/01/18 | 02/28/23 | 90,036 | 657,211 | 130,683 |
| | | 6944860 | C | P267200 | 313-0837 | Oliver /William D | 09/01/18 | 02/28/23 | 11,875 | 97,775 | 38,175 |
| | 005935 Georgia Institute of Technology | 6941447 | C | P062000 | AWD-000084-G3 | Strano /Michael S. | 07/01/19 | 07/31/22 | 268,858 | 640,721 | (43,290) |
| | 006120 Harvard University | 6932898 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 09/10/15 | 12/09/16 | 0 | 0 | 0 |
| | | 6933226 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 09/10/15 | 12/09/16 | 0 | 257,884 | (0) |
| | | 6933227 | C | P267100 | 134062-5093041 | Cappellaro /Paola | 09/10/15 | 12/09/16 | 0 | 80,225 | 0 |
| | | 6933228 | C | P400600 | 134062-5093041 | Boyden /Edward | 09/10/15 | 12/09/16 | 0 | 242,803 | (0) |
| | | 6936170 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 12/10/16 | 08/30/22 | 0 | 4,000 | 4,000 |
| | | 6936171 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 12/10/16 | 08/30/22 | 93,258 | 573,750 | 8,443 |
| | | 6936173 | C | P400600 | 134062-5093041 | Boyden /Edward | 12/10/16 | 08/30/22 | 67,777 | 783,635 | 757 |
| | | 6936185 | C | P267100 | 134062-5093041 | Cappellaro /Paola | 12/10/16 | 08/30/22 | 24,851 | 347,817 | 122,719 |
| | | 6936312 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 05/01/17 | 11/30/20 | 0 | 31,460 | 0 |
| | | 6939434 | C | P069850 | 134119-5110647 | Jarillo-Herrero /Pablo | 07/01/18 | 08/31/21 | 1,993 | 201,375 | (2,267) |
| | | 6941950 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 12/10/16 | 08/30/22 | 6,294 | 33,000 | (142) |
| | | 6943704 | C | P267100 | 134371-5113608 | Vuletic /Vladan | 03/01/20 | 05/31/23 | 295,193 | 763,253 | 350,694 |
| | | 6944059 | C | P267111 | 134371-5113608 | Englund /Dirk R. | 03/01/20 | 05/31/23 | 279,783 | 413,411 | 84,792 |
| | | 6944060 | C | P267100 | 134371-5113608 | Shor /Peter Williston | 03/01/20 | 05/31/23 | 166,837 | 330,729 | 163,892 |
| | | 6944781 | C | P069850 | 134119-5110647 | Jarillo-Herrero /Pablo | 07/01/18 | 08/31/22 | 167,597 | 125,000 | (50,170) |
| | | 6945040 | C | P267111 | 134062-5093041 | Englund /Dirk R. | 12/10/16 | 08/30/22 | 80,410 | 145,425 | 10,608 |
| | | 6945871 | C | P267111 | 134371-5113608 | Englund /Dirk R. | 03/01/20 | 05/31/23 | 32,684 | 23,000 | (9,684) |
| | | 6946146 | C | P417500 | 134396-5117987 | Jarillo-Herrero /Pablo | 07/01/21 | 11/30/22 | 151,185 | 185,776 | 34,591 |
| | | 6946239 | C | P066000 | AGMT DTD 9/17/2021 | Ross /Frances Mary | 07/01/21 | 11/30/21 | 25,148 | 25,148 | 0 |
| | | 6946758 | C | P417500 | 134396-5117987 | Jarillo-Herrero /Pablo | 12/01/21 | 06/30/22 | 24,527 | 30,000 | 5,473 |
| | | 6946920 | C | P267111 | 134371-5113608 | Englund /Dirk R. | 03/01/20 | 05/31/23 | 8,454 | 17,200 | 8,746 |
| | | 6947186 | C | P066000 | 124106 | Ross /Frances Mary | 12/01/21 | 02/28/22 | 18,581 | 18,581 | (0) |
| | 006875 Northeastern Ur | 6943253 | C | P417000 | 504141-78050 | Schuh /Christopher A | 01/01/20 | 12/31/22 | 93,796 | 300,000 | 36,546 |
| | 007232 Research Found | 6941275 | C | P267111 | R1173649 | Grossman /Jeffrey C. | 08/01/18 | 05/01/22 | 35,754 | 102,000 | (77) |
| | 007434 Texas A & M | 6945534 | C | P417000 | M2101903 | Nelson /Keith Adam | 02/12/21 | 02/11/23 | 77,428 | 67,827 | (36,513) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007533 University of California-Santa Barbar | 6935172 | C | P400600 | KK1713 | Graybiel /Ann M | 09/01/16 | 09/30/22 | 86,911 | 1,295,024 | 66,109 |
| | | 6937076 | C | P065005 | KK1808 | Sapsis /Themistoklis Panagioti | 08/01/17 | 01/31/23 | 122,263 | 1,000,000 | 33,533 |
| | | 6940747 | C | P069201 | SUBAWARD NO. KK1957 | Lauffenburger /Douglas A | 12/01/18 | 11/30/23 | 0 | 0 | 0 |
| | | 6940755 | C | P069201 | SUBAWARD NO. KK1957-03 | Lauffenburger /Douglas A | 02/14/19 | 09/24/22 | 139,760 | 580,000 | 8,155 |
| | | 6940756 | C | P069201 | SUBAWARD NO. KK1957-02 | Lauffenburger /Douglas A | 12/01/18 | 11/30/22 | 0 | 42,000 | 42,000 |
| | | 6946573 | C | P069201 | SUBAWARD NO. KK1957-18 | Lauffenburger /Douglas A | 10/15/21 | 11/30/23 | 15,830 | 600,000 | 584,170 |
| | 007615 University of Ari | 6947539 | C | P267111 | PURCHASE ORDER NO. 641689 | Englund /Dirk R. | 08/01/21 | 12/31/22 | 0 | 373,333 | 373,333 |
| | 007616 University of So | 6946124 | C | P417500 | SCON-00002258 | Gedik /Nuh | 07/21/21 | 07/20/23 | 170,926 | 389,000 | 218,074 |
| | 007625 University of California | 6919765 | C | P069200 | KK9151 | Lauffenburger /Douglas A | 12/01/08 | 11/30/19 | 0 | 136 | 136 |
| | | 6919767 | C | P402010 | KK9151-1 | Manalis /Scott R | 12/01/08 | 06/30/14 | 0 | 1,290,278 | 0 |
| | | 6919782 | C | P066000 | KK9151-7 | Belcher /Angela M | 12/12/08 | 06/30/14 | 0 | 162,347 | 0 |
| | | 6919783 | C | P069200 | KK9151 | Lauffenburger /Douglas A | 12/12/08 | 06/30/14 | 0 | 1,073,148 | (0) |
| | | 6919784 | C | P066000 | KK9151 | Belcher /Angela M | 12/12/08 | 06/30/14 | 0 | 1,017,368 | (0) |
| | | 6919785 | C | P066000 | KK9151 | Belcher /Angela M | 12/12/08 | 06/30/14 | 0 | 1,181,026 | (0) |
| | | 6920091 | C | P066000 | KK9151-13 | Belcher /Angela M | 05/18/09 | 03/31/13 | 0 | 270,000 | (0) |
| | | 6923979 | C | P069200 | KK9151 | Fraenkel /Ernest | 12/01/10 | 06/30/14 | 0 | 378,161 | (0) |
| | | 6923986 | C | P062000 | KK9151 | Prather /Kristala L | 12/01/10 | 06/30/14 | 0 | 406,710 | 0 |
| | | 6923987 | C | P062000 | KK9151 | Doyle /Patrick S | 12/01/10 | 06/30/14 | 0 | 329,608 | 0 |
| | | 6924037 | C | P066000 | KK9151 | Ortiz /Christine | 12/12/08 | 06/30/14 | 0 | 325,515 | (0) |
| | | 6924426 | C | P066000 | KK9151-22 | Belcher /Angela M | 06/14/11 | 06/13/12 | 0 | 250,329 | 0 |
| | | 6925494 | C | P069200 | KK9151 | Voigt /Christopher A. | 12/01/11 | 06/30/14 | 0 | 229,485 | (0) |
| | | 6925721 | C | P069200 | KK9151-1 | Weiss /Ron | 12/01/08 | 06/30/14 | 0 | 276,549 | (0) |
| | | 6925894 | C | P066000 | KK9151-24 | Belcher /Angela M | 05/01/12 | 12/31/15 | 0 | 434,329 | (0) |
| | | 6926410 | C | P069200 | KK9151-24 | Lauffenburger /Douglas A | 05/01/12 | 12/31/15 | 0 | 585,998 | 0 |
| | | 6927066 | C | P065004 | KK9151 | Buie /Cullen | 12/01/10 | 06/30/14 | 0 | 105,602 | 0 |
| | | 6929256 | C | P069201 | KK9151-30 | Lauffenburger /Douglas A | 12/01/13 | 11/30/18 | 0 | 85,435 | (0) |
| | | 6929257 | C | P069201 | KK9151-31 | Lauffenburger /Douglas A | 12/01/13 | 11/30/18 | 0 | 1,091,322 | (0) |
| | | 6929260 | C | P069201 | KK9151-31 | Voigt /Christopher A. | 12/01/13 | 11/30/18 | 0 | 532,929 | (0) |
| | | 6929261 | C | P069201 | KK9151-31 | Weiss /Ron | 12/01/13 | 11/30/16 | 0 | 341,316 | (0) |
| | | 6929262 | C | P066000 | KK9151-33 | Belcher /Angela M | 12/01/13 | 11/30/18 | 0 | 783,931 | 0 |
| | | 6929264 | C | P066000 | KK9151-34 | Ortiz /Christine | 12/01/13 | 03/31/15 | 0 | 38,701 | (0) |
| | | 6929265 | C | P402010 | KK9151-35 | Manalis /Scott R | 12/01/13 | 11/30/18 | 0 | 952,222 | 0 |
| | | 6933077 | C | P062000 | KK9151-44 | Prather /Kristala L | 09/02/15 | 12/31/19 | 0 | 565,687 | (0) |
| | | 6938164 | C | P069201 | KK9151 | Voigt /Christopher A. | 07/01/16 | 11/30/18 | 0 | 234,384 | 0 |
| | 007630 University of Pennsylvania | 6944135 | C | P061090 | SUB# 580416 / PO# 4531469 | How /Jonathan P | 08/21/20 | 12/30/22 | 119,994 | 425,000 | 153,682 |
| | | 6946466 | C | P067952 | SUB# 580416 / PO# 4531469 | Roy /Nicholas | 09/01/21 | 12/30/22 | 56,474 | 225,000 | 168,526 |
| | 007641 University of Mi | 6940978 | C | P065009 | PO3005498246/SUBK00010160 | Boriskina /Svetlana V | 06/01/19 | 09/30/22 | 37,679 | 407,750 | 22,476 |
| | 007647 University of Wi | 6941698 | C | P065004 | 0000000208 | Kamrin /Kenneth N | 08/14/19 | 01/13/23 | 0 | 294,843 | 91,885 |
| | 007676 University of California - Berkeley | 6945606 | C | P267100 | PO BB01479131/ SUBAWARD 000103 | Ketterle /Wolfgang | 06/15/20 | 06/14/22 | 280,273 | 290,000 | 9,727 |
| | | 6946436 | C | P066000 | SUB#00010865/PO#BB01529322 | Lebeau /James M | 06/15/21 | 09/30/22 | 205,861 | 200,000 | (5,861) |
| | 007739 University of Sy | 6937861 | C | P267200 | G174385 RESEARCH COLLABORATI | Oliver /William D | 10/06/17 | 04/05/21 | (65) | 529,386 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 010456 LongWave Photonics LLC | 6940267 | C | P267500 | STTR AGMT UNDER W911NF18C009 | Hu /Qing | 09/21/18 | 09/27/21 | 6,866 | 300,000 | (6,536) |
| | | 6947159 | C | P267500 | STTR AGMT UNDER W911NF21C005 | Hu /Qing | 09/01/21 | 08/31/23 | 216,404 | 460,000 | 243,596 |
| | 107150 UI LABS d/b/a N | 6946581 | C | P065004 | SUBAWARD NO.20-18-01-04 | Rhodes /Donna H | 07/19/21 | 10/30/22 | 190,749 | 216,076 | 25,327 |
| | **Total by Primary Sponsor** | | | | | | | | **14,858,255** | **80,647,424** | **9,429,995** |
| 000129 Army RDECOM-Adelphi | 007533 University of Ca | 6934736 | C | P069201 | KK9151 | Lauffenburger /Douglas A | 06/01/16 | 05/31/19 | 0 | 395,576 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **395,576** | **(0)** |
| 000132 U.S. Army Medical Research and Material Command | 000132 U.S. Army Medical Research and Material Command | 6930323 | C | P402000 | W81XWH-14-1-0240 | Hynes /Richard O | 08/15/14 | 08/14/21 | 136,413 | 4,188,812 | (0) |
| | | 6937291 | C | P065005 | W81XWH-17-1-0427 | Winter /Amos G | 09/30/17 | 09/30/21 | 16,171 | 499,999 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **152,584** | **4,688,811** | **(0)** |
| 000133 Army Aviation and Missle Command | 100642 Modern Techno | 6942083 | C | P061093 | AGMT DATED 9/30/19 | Leveson /Nancy G | 05/01/19 | 12/31/21 | 22,886 | 91,559 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **22,886** | **91,559** | **(0)** |
| 000135 ARO-ISN UARC | 000135 ARO-ISN UARC | 6927260 | C | P417000 | W911NF-13-D-0001 | Joannopoulos /John | 01/01/13 | 12/31/22 | 0 | 1,171 | 1,171 |
| | | 6927266 | C | P417000 | W911NF-13-D-0001, T.O. 1 | Joannopoulos /John | 02/08/13 | 12/31/22 | 0 | 3,080,198 | 2,327,560 |
| | | 6927267 | C | P417000 | W911NF-13-D-0001, T.O. 2 | Joannopoulos /John | 02/08/13 | 12/31/22 | 564,099 | 11,154,683 | 338,457 |
| | | 6927268 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Joannopoulos /John | 02/08/13 | 12/31/22 | 0 | 0 | 0 |
| | | 6927269 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Joannopoulos /John | 02/08/13 | 12/31/22 | 0 | 6,245 | 5,599 |
| | | 6927270 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Joannopoulos /John | 02/08/13 | 12/31/22 | 0 | 0 | 0 |
| | | 6927272 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Joannopoulos /John | 02/08/13 | 12/31/16 | 0 | 0 | 0 |
| | | 6927273 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Joannopoulos /John | 02/20/13 | 12/31/22 | 0 | 74,396 | 57,105 |
| | | 6927274 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 06/26/13 | 12/31/22 | 0 | 194,243 | 194,243 |
| | | 6927275 | C | P417000 | W911NF-13-D-0001, T.O. 1 | Joannopoulos /John | 01/01/13 | 12/31/22 | 165,807 | 1,754,110 | (1,088,385) |
| | | 6927276 | C | P417000 | W911NF-13-D-0001, T.O. 1 | Joannopoulos /John | 01/01/13 | 12/31/22 | 147,283 | 1,210,821 | (879,684) |
| | | 6927277 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Bawendi /Moungi G | 02/08/13 | 05/31/18 | 0 | 684,946 | (0) |
| | | 6927278 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Bulovic /Vladimir | 02/08/13 | 12/31/17 | 0 | 395,421 | 0 |
| | | 6927279 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Jensen /Klavs F | 02/08/13 | 12/31/14 | 0 | 151,176 | 0 |
| | | 6927280 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Kastner /Marc A | 02/08/13 | 02/07/14 | 0 | 33,098 | (0) |
| | | 6927281 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Palacios /Tomas | 02/08/13 | 12/31/17 | 0 | 491,457 | 0 |
| | | 6927282 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 02/08/13 | 12/31/17 | 0 | 463,363 | (0) |
| | | 6927283 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Boyce /Mary Cunningham | 02/08/13 | 03/31/14 | 0 | 39,569 | 0 |
| | | 6927284 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Gleason /Karen K | 02/08/13 | 12/31/14 | 0 | 170,554 | 0 |
| | | 6927285 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Varanasi /Kripa | 02/08/13 | 12/31/14 | 0 | 170,181 | 0 |
| | | 6927286 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Gleason /Karen K | 02/08/13 | 12/31/14 | 0 | 142,707 | 0 |
| | | 6927287 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Joannopoulos /John | 02/08/13 | 01/31/15 | 0 | 133,419 | 0 |
| | | 6927288 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 02/08/13 | 12/31/15 | 0 | 97,208 | (0) |
| | | 6927289 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Fink /Yoel | 02/08/13 | 12/31/15 | 0 | 185,605 | 0 |
| | | 6927290 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Joannopoulos /John | 02/08/13 | 12/31/15 | 0 | 87,906 | 0 |
| | | 6927291 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Johnson /Steven G | 02/08/13 | 12/31/15 | 0 | 164,535 | (0) |
| | | 6927292 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Bulovic /Vladimir | 02/08/13 | 12/31/14 | 0 | 141,368 | 0 |
| | | 6927293 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Johnson /Steven G | 02/08/13 | 12/31/17 | 0 | 308,248 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927294 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 02/08/13 | 12/31/17 | 0 | 488,282 | (0) |
| | | 6927295 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Hammond /Paula T | 02/08/13 | 01/31/18 | 0 | 256,525 | (0) |
| | | 6927296 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Irvine /Darrell J | 02/08/13 | 05/31/18 | 0 | 378,906 | 0 |
| | | 6927297 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Love /John C | 02/08/13 | 12/31/17 | 0 | 451,307 | 0 |
| | | 6927298 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Alexander-Katz /Alfredo | 02/08/13 | 12/31/14 | 0 | 99,343 | 0 |
| | | 6927299 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Elman /Noel M | 02/08/13 | 12/31/15 | 0 | 430,831 | 0 |
| | | 6927300 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Khademhosseini /Alireza | 02/08/13 | 03/31/18 | 0 | 291,806 | 0 |
| | | 6927301 | C | P417000 | W911NF-13-D-0001, T.O. 4 | McKinley /Gareth H | 02/08/13 | 12/31/14 | 0 | 66,419 | 0 |
| | | 6927302 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Olsen /Bradley D. | 02/08/13 | 12/31/17 | 0 | 524,914 | (0) |
| | | 6927303 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Hammond /Paula T | 02/08/13 | 12/31/17 | 0 | 949,873 | 0 |
| | | 6927304 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Anderson /Daniel Griffith | 02/08/13 | 12/31/15 | 0 | 93,716 | 0 |
| | | 6927305 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Cima /Michael J | 02/08/13 | 12/31/14 | 0 | 197,947 | (0) |
| | | 6927306 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Graybiel /Ann M | 02/08/13 | 12/31/14 | 0 | 193,738 | 0 |
| | | 6927307 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Langer /Robert S | 02/08/13 | 12/31/14 | 0 | 74,543 | 0 |
| | | 6927308 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Irvine /Darrell J | 02/08/13 | 05/31/18 | 0 | 494,400 | 0 |
| | | 6927309 | C | P417000 | W911NF-13-D-0001, T.O. 4 | Lu /Timothy K | 02/08/13 | 12/31/18 | 0 | 500,319 | (0) |
| | | 6927310 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Boyce /Mary Cunningham | 02/08/13 | 03/31/14 | 0 | 71,394 | (0) |
| | | 6927311 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Fang /Xuanlai | 02/08/13 | 12/31/14 | 0 | 158,078 | (0) |
| | | 6927312 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Kooi /Steven E | 02/08/13 | 12/31/14 | 0 | 107,823 | 0 |
| | | 6927313 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Swager /Timothy M | 02/08/13 | 04/30/15 | 0 | 149,201 | (0) |
| | | 6927314 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Schuh /Christopher A | 02/08/13 | 12/31/18 | 0 | 1,431,367 | 0 |
| | | 6927315 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Gabrieli /John D. E. | 02/08/13 | 08/31/18 | 0 | 426,625 | (0) |
| | | 6927316 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Kanwisher /Nancy | 02/08/13 | 12/31/14 | 0 | 143,183 | 0 |
| | | 6927317 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 08/31/18 | 0 | 569,640 | 0 |
| | | 6927318 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Socrate /Simona | 02/08/13 | 12/31/15 | 0 | 90,094 | 0 |
| | | 6927319 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Johnson /Steven G | 02/08/13 | 12/31/15 | 0 | 196,868 | 0 |
| | | 6927320 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 12/31/15 | 0 | 265,264 | 0 |
| | | 6927321 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Socrate /Simona | 02/08/13 | 12/31/14 | 0 | 73,496 | 0 |
| | | 6927322 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Nelson /Keith Adam | 02/08/13 | 12/31/17 | 0 | 384,953 | 0 |
| | | 6927323 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Olsen /Bradley D. | 02/08/13 | 12/31/17 | 0 | 403,278 | 0 |
| | | 6927324 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 12/31/16 | 0 | 150,407 | (0) |
| | | 6927325 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Van Vliet /Krystyn J | 02/08/13 | 12/31/17 | 0 | 530,848 | (0) |
| | | 6927326 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Nelson /Keith Adam | 02/08/13 | 12/31/14 | 0 | 92,898 | (0) |
| | | 6927327 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 12/31/14 | 0 | 87,734 | 0 |
| | | 6927328 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Socrate /Simona | 02/08/13 | 12/31/14 | 0 | 139,130 | 0 |
| | | 6927329 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Buehler /Markus J | 02/08/13 | 01/31/15 | 0 | 141,178 | (0) |
| | | 6927330 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 12/31/15 | 0 | 390,298 | (0) |
| | | 6927331 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Radovitzky /Raul A | 02/08/13 | 12/31/14 | 0 | 153,814 | (0) |
| | | 6927332 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Socrate /Simona | 02/08/13 | 12/31/14 | 0 | 54,539 | 0 |
| | | 6927333 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Boyce /Mary Cunningham | 02/08/13 | 05/31/14 | 0 | 65,342 | 0 |
| | | 6927334 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Ortiz /Christine | 02/08/13 | 12/31/14 | 0 | 148,522 | 0 |
| | | 6927335 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Oxman /Neri | 02/08/13 | 02/28/15 | 0 | 142,675 | (0) |
| | | 6927336 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Strano /Michael S. | 02/08/13 | 05/31/18 | 0 | 579,549 | (0) |
| | | 6927337 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Wardle /Brian L | 02/08/13 | 12/31/17 | 0 | 279,461 | (0) |
| | | 6927338 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Kong /Jing | 02/08/13 | 12/31/14 | 0 | 115,199 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927339 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Palacios /Tomas | 02/08/13 | 12/31/14 | 0 | 180,750 | 0 |
| | | 6927340 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Jensen /Klavs F | 02/08/13 | 12/31/14 | 0 | 143,419 | 0 |
| | | 6927341 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Strano /Michael S. | 02/08/13 | 12/31/14 | 0 | 146,928 | (0) |
| | | 6927342 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Swager /Timothy M | 02/08/13 | 12/31/15 | 0 | 242,327 | (0) |
| | | 6927343 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Baldo /Marc A | 02/08/13 | 12/31/14 | 0 | 187,284 | (0) |
| | | 6927344 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Swager /Timothy M | 02/08/13 | 12/31/14 | 0 | 188,713 | 0 |
| | | 6927345 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Watts /Michael R | 02/08/13 | 12/31/14 | 0 | 184,586 | (0) |
| | | 6927346 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Strano /Michael S. | 02/08/13 | 12/31/15 | 0 | 262,733 | (0) |
| | | 6927347 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Bawendi /Moungi G | 02/08/13 | 12/31/15 | 0 | 335,183 | 0 |
| | | 6927348 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Fink /Yoel | 02/08/13 | 12/31/15 | 0 | 342,938 | (0) |
| | | 6927349 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Joannopoulos /John | 02/08/13 | 12/31/15 | 0 | 269,495 | 0 |
| | | 6927350 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Fink /Yoel | 02/08/13 | 12/31/15 | 0 | 407,745 | 0 |
| | | 6927351 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Joannopoulos /John | 02/08/13 | 12/31/15 | 0 | 283,404 | (0) |
| | | 6927352 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Joannopoulos /John | 02/08/13 | 12/31/15 | 0 | 219,988 | 0 |
| | | 6927353 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Johnson /Steven G | 02/08/13 | 12/31/15 | 0 | 199,234 | (0) |
| | | 6927354 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Soljacic /Marin | 02/08/13 | 03/31/16 | 0 | 185,832 | 0 |
| | | 6927355 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Bawendi /Moungi G | 02/08/13 | 12/31/15 | 0 | 214,010 | 0 |
| | | 6927356 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Raskar /Ramesh | 02/08/13 | 12/31/15 | 0 | 211,628 | 0 |
| | | 6927357 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Celanovic /Ivan L. | 02/08/13 | 12/31/15 | 0 | 259,546 | (0) |
| | | 6927358 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Fisher /Peter H | 02/08/13 | 12/31/15 | 0 | 223,139 | 0 |
| | | 6927359 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Joannopoulos /John | 02/08/13 | 12/31/15 | 0 | 198,911 | 0 |
| | | 6927360 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Soljacic /Marin | 02/08/13 | 12/31/15 | 0 | 199,924 | 0 |
| | | 6927362 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Hammond /Paula T | 02/20/13 | 12/31/16 | 0 | 299,383 | 0 |
| | | 6927363 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Cima /Michael J | 02/20/13 | 09/30/15 | 0 | 394,447 | 0 |
| | | 6927364 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Cima /Michael J | 02/20/13 | 12/31/15 | 0 | 453,361 | (0) |
| | | 6927365 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Irvine /Darrell J | 02/20/13 | 12/31/15 | 0 | 299,672 | 0 |
| | | 6927366 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Fink /Yoel | 02/20/13 | 03/31/16 | 0 | 535,584 | 0 |
| | | 6927367 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 06/26/13 | 12/31/16 | 0 | 1,076,470 | 0 |
| | | 6927373 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Olsen /Bradley D. | 02/20/13 | 12/31/16 | 0 | 457,854 | 0 |
| | | 6927374 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Olsen /Bradley D. | 02/20/13 | 06/30/15 | 0 | 100,000 | (0) |
| | | 6927375 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Rutledge /Gregory C | 02/20/13 | 12/31/16 | 0 | 328,633 | (0) |
| | | 6927376 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Hatton /Trevor Alan | 02/20/13 | 06/30/16 | 0 | 574,652 | (0) |
| | | 6927377 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Soljacic /Marin | 03/14/13 | 03/17/14 | 0 | 47,500 | (0) |
| | | 6927378 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Radovitzky /Raul A | 06/01/13 | 06/30/14 | 0 | 91,359 | (0) |
| | | 6927379 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Buehler /Markus J | 06/01/13 | 12/31/14 | 0 | 14,976 | 0 |
| | | 6927380 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Elman /Noel M | 06/01/13 | 05/31/15 | 0 | 173,829 | 0 |
| | | 6927381 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Olsen /Bradley D. | 04/01/13 | 06/30/15 | 0 | 105,835 | 0 |
| | | 6927382 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Bawendi /Moungi G | 06/01/13 | 06/30/14 | 0 | 100,000 | (0) |
| | | 6927386 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Rutledge /Gregory C | 08/01/13 | 12/31/16 | 0 | 149,999 | (0) |
| | | 6928139 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 06/26/13 | 06/25/15 | 0 | 9,570 | 0 |
| | | 6928140 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Johnson /Steven G | 06/26/13 | 06/25/15 | 0 | 36,674 | 0 |
| | | 6928141 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Soljacic /Marin | 06/26/13 | 06/25/15 | 0 | 37,501 | (0) |
| | | 6928142 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Bawendi /Moungi G | 03/01/14 | 12/31/17 | 0 | 398,639 | (0) |
| | | 6928143 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 05/01/14 | 12/31/15 | 0 | 904,256 | 0 |
| | | 6928144 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Johnson /Steven G | 06/01/14 | 12/31/15 | 0 | 34,541 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928145 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Soljacic /Marin | 06/01/14 | 06/25/15 | 0 | 37,465 | (0) |
| | | 6928150 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 02/08/13 | 12/31/15 | 0 | 31,673 | 0 |
| | | 6928151 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Soljacic /Marin | 02/08/13 | 12/31/15 | 0 | 35,801 | 0 |
| | | 6928152 | C | P417000 | W911NF-13-D-0001, T.O. 7 | Soljacic /Marin | 03/01/13 | 12/31/15 | 0 | 20,907 | 0 |
| | | 6928153 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Cima /Michael J | 01/01/14 | 09/30/15 | 0 | 17,553 | 0 |
| | | 6928154 | C | P417000 | W911NF-13-D-0001, T.O. 8 | McKinley /Gareth H | 05/01/14 | 12/29/15 | 0 | 220,000 | (0) |
| | | 6928155 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Radovitzky /Raul A | 07/01/14 | 09/30/17 | 0 | 300,000 | 0 |
| | | 6931286 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Kong /Jing | 01/01/15 | 03/31/18 | 0 | 325,000 | (0) |
| | | 6931287 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Schuh /Christopher A | 01/01/15 | 12/31/15 | 0 | 69,528 | 0 |
| | | 6931288 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Anderson /Daniel Griffith | 01/01/15 | 05/31/16 | 0 | 50,151 | 0 |
| | | 6931289 | C | P417000 | W911NF-13-D-0001, T.O. 5 | Cima /Michael J | 01/01/15 | 05/31/16 | 0 | 85,601 | (0) |
| | | 6931944 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 05/01/15 | 12/31/17 | 0 | 1,202,959 | 0 |
| | | 6932505 | C | P417000 | W911NF-13-D-0001, T.O. 2 | Joannopoulos /John | 08/01/15 | 04/30/17 | 0 | 31,533 | 0 |
| | | 6932644 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Palacios /Tomas | 08/01/15 | 12/31/16 | 0 | 40,000 | (0) |
| | | 6932645 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Swager /Timothy M | 08/01/15 | 12/31/16 | 0 | 74,714 | 0 |
| | | 6932646 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Bawendi /Moungi G | 08/01/15 | 12/31/16 | 0 | 68,000 | 0 |
| | | 6932647 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 08/01/15 | 12/31/16 | 0 | 5,998 | 0 |
| | | 6932861 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Win /Moe Z | 07/01/15 | 12/31/20 | 0 | 99,945 | 0 |
| | | 6932862 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Strano /Michael S. | 07/01/15 | 06/30/16 | 0 | 23,825 | 0 |
| | | 6933400 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Radovitzky /Raul A | 12/15/15 | 12/31/18 | 0 | 787,101 | 0 |
| | | 6933401 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Fink /Yoel | 01/01/16 | 12/31/17 | 0 | 961,335 | 0 |
| | | 6933402 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 01/01/16 | 12/31/17 | 0 | 207,956 | (0) |
| | | 6933403 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Johnson /Steven G | 01/01/16 | 05/31/18 | 0 | 217,373 | 0 |
| | | 6933404 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Joannopoulos /John | 01/01/16 | 12/31/17 | 0 | 170,743 | 0 |
| | | 6933405 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Celanovic /Ivan L. | 01/01/16 | 12/31/17 | 0 | 140,889 | (0) |
| | | 6933600 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Johnson /Steven G | 01/01/16 | 12/31/17 | 0 | 69,952 | (0) |
| | | 6933601 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Joannopoulos /John | 01/01/16 | 12/31/17 | 0 | 50,164 | 0 |
| | | 6933742 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Strano /Michael S. | 01/01/15 | 12/31/15 | 0 | 10,887 | 0 |
| | | 6933743 | C | P417000 | W911NF-13-D-0001, T.O. 6 | Strano /Michael S. | 01/01/15 | 12/31/15 | 0 | 8,817 | 0 |
| | | 6934124 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Palacios /Tomas | 03/01/16 | 12/31/19 | 0 | 88,047 | (0) |
| | | 6934125 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Rutledge /Gregory C | 05/01/16 | 12/31/17 | 0 | 149,968 | (0) |
| | | 6934126 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Johnson /Steven G | 03/01/16 | 12/31/18 | 0 | 70,000 | (0) |
| | | 6934127 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 05/01/16 | 12/31/18 | 0 | 1,331,324 | 1,482 |
| | | 6934471 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Bawendi /Moungi G | 06/01/16 | 05/31/17 | 0 | 69,765 | 0 |
| | | 6934472 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Fink /Yoel | 06/01/16 | 12/31/17 | 0 | 74,501 | (0) |
| | | 6934489 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Palacios /Tomas | 04/01/16 | 05/31/17 | 0 | 43,843 | 0 |
| | | 6934490 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Swager /Timothy M | 06/01/16 | 12/31/17 | 0 | 74,720 | 0 |
| | | 6934491 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Bawendi /Moungi G | 06/01/16 | 05/31/17 | 0 | 67,894 | (0) |
| | | 6935871 | C | P417000 | W911NF-13-D-0001, T.O. 3 | Soljacic /Marin | 10/01/16 | 10/31/17 | 0 | 7,360 | 0 |
| | | 6935983 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Nelson /Keith Adam | 07/01/16 | 06/30/17 | 0 | 44,860 | 0 |
| | | 6935984 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Radovitzky /Raul A | 11/01/16 | 12/31/22 | 154,189 | 900,000 | 72,709 |
| | | 6937146 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Lu /Timothy K | 07/01/17 | 03/31/19 | 0 | 245,067 | (0) |
| | | 6937504 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 01/01/17 | 09/30/20 | (2,691) | 1,246,523 | 18,326 |
| | | 6937509 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Wardle /Brian L | 10/01/17 | 12/31/19 | 0 | 200,000 | 0 |
| | | 6937990 | C | P417000 | W911NF-18-2-0048 | Joannopoulos /John | 01/01/18 | 12/31/22 | 0 | 2,800,000 | 2,800,000 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937991 | C | P417000 | W911NF-18-2-0048 | Nelson /Keith Adam | 01/01/18 | 12/31/22 | 65,349 | 315,000 | (91,776) |
| | | 6937992 | C | P417000 | W911NF-18-2-0048 | Radovitzky /Raul A | 01/01/18 | 12/31/22 | 48,176 | 360,000 | 15,015 |
| | | 6937993 | C | P417000 | W911NF-18-2-0048 | Zhao /Xuanhe | 01/01/18 | 12/31/22 | 48,398 | 360,000 | (18,228) |
| | | 6937994 | C | P417000 | W911NF-18-2-0048 | Strano /Michael S. | 01/01/18 | 12/31/22 | 43,075 | 360,000 | (88,998) |
| | | 6937995 | C | P417000 | W911NF-18-2-0048 | Nelson /Keith Adam | 01/01/18 | 12/31/22 | 36,923 | 289,333 | (56,262) |
| | | 6937996 | C | P417000 | W911NF-18-2-0048 | Rutledge /Gregory C | 01/01/18 | 12/31/22 | 103,625 | 360,000 | (11,034) |
| | | 6937997 | C | P417000 | W911NF-18-2-0048 | Swager /Timothy M | 01/01/18 | 12/31/22 | 75,758 | 360,000 | (33,391) |
| | | 6937998 | C | P417000 | W911NF-18-2-0048 | Kamrin /Kenneth N | 01/01/18 | 12/31/22 | 76,798 | 360,000 | (28,317) |
| | | 6937999 | C | P417000 | W911NF-18-2-0048 | Radovitzky /Raul A | 01/01/18 | 12/31/22 | 28,447 | 360,000 | (54,826) |
| | | 6938000 | C | P417000 | W911NF-18-2-0048 | Schuh /Christopher A | 01/01/18 | 12/31/22 | 16,286 | 360,000 | (53,944) |
| | | 6938001 | C | P417000 | W911NF-18-2-0048 | Hammond /Paula T | 01/01/18 | 12/31/22 | 135,920 | 495,000 | (115,154) |
| | | 6938002 | C | P417000 | W911NF-18-2-0048 | Olsen /Bradley D. | 01/01/18 | 12/31/22 | 80,153 | 495,000 | 20,953 |
| | | 6938003 | C | P417000 | W911NF-18-2-0048 | Irvine /Darrell J | 01/01/18 | 12/31/22 | 91,348 | 360,000 | (33,094) |
| | | 6938004 | C | P417000 | W911NF-18-2-0048 | Yildiz /Bilge | 01/01/18 | 12/31/22 | 118,297 | 360,000 | (106,281) |
| | | 6938005 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 12/31/22 | 11,857 | 300,089 | 7,571 |
| | | 6938006 | C | P417000 | W911NF-18-2-0048 | Kong /Jing | 01/01/18 | 12/31/22 | 106,860 | 381,800 | (104,881) |
| | | 6938007 | C | P417000 | W911NF-18-2-0048 | Palacios /Tomas | 01/01/18 | 12/31/22 | 88,756 | 360,000 | (3,090) |
| | | 6938008 | C | P417000 | W911NF-18-2-0048 | Bawendi /Moungi G | 01/01/18 | 12/31/22 | 35,167 | 180,000 | (16,105) |
| | | 6938009 | C | P417000 | W911NF-18-2-0048 | Bulovic /Vladimir | 01/01/18 | 12/31/22 | 7,061 | 180,000 | (7,822) |
| | | 6938010 | C | P417000 | W911NF-18-2-0048 | Nelson /Keith Adam | 01/01/18 | 12/31/22 | 83,296 | 450,000 | (95,262) |
| | | 6938011 | C | P417000 | W911NF-18-2-0048 | Fink /Yoel | 01/01/18 | 12/31/22 | 93,038 | 765,000 | (178,013) |
| | | 6938012 | C | P417000 | W911NF-18-2-0048 | Joannopoulos /John | 01/01/18 | 12/31/22 | 43,731 | 270,000 | (5,697) |
| | | 6938013 | C | P417000 | W911NF-18-2-0048 | Johnson /Steven G | 01/01/18 | 12/31/22 | 19,828 | 360,000 | 19,174 |
| | | 6938014 | C | P417000 | W911NF-18-2-0048 | Kong /Jing | 01/01/18 | 12/31/20 | 0 | 278,221 | (0) |
| | | 6938015 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 01/01/18 | 12/31/22 | 80,071 | 352,857 | (57,094) |
| | | 6938016 | C | P417000 | W911NF-18-2-0048 | Celanovic /Ivan L. | 01/01/18 | 12/31/22 | 71,740 | 360,000 | (107,106) |
| | | 6938017 | C | P417000 | W911NF-18-2-0048 | Fisher /Peter H | 01/01/18 | 12/31/22 | 12,419 | 360,000 | (4,365) |
| | | 6938018 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 01/01/18 | 12/31/22 | 98,491 | 360,000 | (39,848) |
| | | 6938019 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 01/01/18 | 12/31/20 | 0 | 270,000 | 0 |
| | | 6938020 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 08/31/21 | (2,709) | 194,261 | 0 |
| | | 6938021 | C | P417000 | W911NF-18-2-0048 | Joannopoulos /John | 01/01/18 | 12/31/22 | 43,731 | 281,410 | (153) |
| | | 6938022 | C | P417000 | W911NF-18-2-0048 | Johnson /Steven G | 01/01/18 | 12/31/22 | 40,629 | 360,000 | (31,179) |
| | | 6938023 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 01/01/18 | 12/31/22 | 18,659 | 320,060 | (56,106) |
| | | 6938024 | C | P417000 | W911NF-18-2-0048 | Fu /Liang | 01/01/18 | 12/31/22 | 61,059 | 360,000 | (69,680) |
| | | 6938025 | C | P417000 | W911NF-18-2-0048 | Gedik /Nuh | 01/01/18 | 12/31/22 | 112,924 | 360,000 | 16,445 |
| | | 6938026 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 01/01/18 | 12/31/22 | 72,309 | 321,279 | (41,902) |
| | | 6938027 | C | P417000 | W911NF-18-2-0048 | Fink /Yoel | 01/01/18 | 12/31/20 | 0 | 403,276 | 0 |
| | | 6938028 | C | P417000 | W911NF-18-2-0048 | Joannopoulos /John | 01/01/18 | 12/31/20 | 0 | 220,293 | 0 |
| | | 6938090 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Bawendi /Moungi G | 01/01/17 | 12/31/18 | 0 | 93,806 | (0) |
| | | 6938091 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Palacios /Tomas | 01/01/17 | 12/31/18 | 0 | 81,112 | 0 |
| | | 6938092 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Swager /Timothy M | 01/01/17 | 08/31/19 | 0 | 94,103 | 0 |
| | | 6938093 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Bawendi /Moungi G | 01/01/17 | 12/31/18 | 0 | 100,000 | 0 |
| | | 6938117 | C | P417000 | W911NF-18-2-0048 | Willard /Adam P. | 01/01/18 | 12/31/22 | 55,159 | 270,000 | 56,587 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938384 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Boriskina /Svetlana V | 01/01/18 | 12/31/22 | 43,347 | 468,855 | 35,155 |
| | | 6938385 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Swager /Timothy M | 03/01/18 | 12/31/19 | 0 | 5,000 | (0) |
| | | 6938898 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 06/30/21 | 0 | 31,481 | 0 |
| | | 6940704 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 12/01/18 | 12/31/20 | 0 | 7,091 | 0 |
| | | 6940965 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Palacios /Tomas | 10/01/18 | 06/30/20 | 0 | 10,156 | (0) |
| | | 6940966 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Kooi /Steven E | 10/01/18 | 04/30/20 | 0 | 66,465 | (0) |
| | | 6940967 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Soljacic /Marin | 04/01/19 | 05/31/20 | 0 | 75,000 | (0) |
| | | 6940968 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Fink /Yoel | 04/01/19 | 12/31/19 | 0 | 75,000 | (0) |
| | | 6941709 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 10/01/19 | 05/31/21 | 0 | 5,102 | 0 |
| | | 6941803 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Joannopoulos /John | 10/31/18 | 12/31/21 | 6,673 | 18,624 | 6,390 |
| | | 6941883 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 10/01/19 | 06/30/21 | 0 | 20,649 | 0 |
| | | 6941999 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 10/01/19 | 01/31/20 | 0 | 7,143 | 0 |
| | | 6942014 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 06/30/21 | 2,337 | 15,809 | 0 |
| | | 6942107 | C | P417000 | W911NF-18-2-0048 | Nelson /Keith Adam | 12/01/18 | 12/31/20 | (39) | 25,667 | 0 |
| | | 6942109 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 06/30/21 | 0 | 32,191 | 0 |
| | | 6942599 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 01/01/18 | 05/31/21 | 0 | 17,779 | 0 |
| | | 6942798 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 07/01/19 | 12/31/22 | 0 | 269 | 269 |
| | | 6942817 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Boriskina /Svetlana V | 01/01/20 | 12/31/22 | 36,646 | 195,490 | 54,383 |
| | | 6942822 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Joannopoulos /John | 09/01/19 | 12/31/21 | 0 | 299 | 299 |
| | | 6942827 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Kooi /Steven E | 01/01/20 | 12/31/21 | 0 | 165,343 | (0) |
| | | 6942836 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Palacios /Tomas | 09/01/19 | 12/31/21 | 72,004 | 182,466 | (0) |
| | | 6942838 | C | P417000 | W911NF-13-D-0001, T.O. 9 | del Alamo /Jesus A | 09/01/19 | 12/31/21 | (17,647) | 161,322 | 0 |
| | | 6942906 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Gleason /Karen K | 07/01/19 | 06/30/21 | 2,517 | 116,604 | (0) |
| | | 6943438 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Han /Jongyoon | 06/01/20 | 05/31/22 | 132,272 | 300,000 | (3) |
| | | 6943439 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Swager /Timothy M | 06/01/20 | 06/30/22 | 25,912 | 174,154 | 44,171 |
| | | 6943476 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 06/01/20 | 06/30/22 | 48,281 | 18,615 | (29,666) |
| | | 6943643 | C | P417000 | W911NF20F0026, T.O. 10 | Joannopoulos /John | 08/17/20 | 08/16/21 | 0 | 137 | 137 |
| | | 6943663 | C | P417000 | W911NF20F0026, T.O. 10 | Lozano /Paulo C | 08/17/20 | 08/16/21 | (828) | 79,863 | 0 |
| | | 6944348 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Joannopoulos /John | 09/01/20 | 12/31/22 | 0 | 14,000 | 14,000 |
| | | 6944349 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Cappellaro /Paola | 09/01/20 | 12/31/22 | 89,089 | 250,000 | 75,591 |
| | | 6944350 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Johnson /Steven G | 11/01/16 | 12/31/22 | 118,691 | 288,000 | (1,541) |
| | | 6944641 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Yildiz /Bilge | 12/01/20 | 12/31/21 | (13,232) | 59,913 | 0 |
| | | 6944825 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Kamrin /Kenneth N | 11/17/20 | 12/31/22 | 41,416 | 50,000 | 8,584 |
| | | 6945019 | C | P417000 | W911NF-13-D-0001, T.O. 9 | Radovitzky /Raul A | 11/10/20 | 11/20/21 | 27,788 | 38,835 | (0) |
| | | 6945456 | C | P417000 | W911NF-18-2-0048 | Englund /Dirk R. | 06/01/20 | 04/15/21 | 5,549 | 5,549 | 0 |
| | | 6945466 | C | P417000 | W911NF-13-D-0001, T.O. 8 | Fink /Yoel | 05/05/21 | 04/04/22 | 65,712 | 120,000 | 54,288 |
| | | 6945642 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 04/01/21 | 06/30/22 | 15,707 | 38,721 | 23,013 |
| | | 6945898 | C | P417000 | W911NF-18-2-0048 | Soljacic /Marin | 08/01/21 | 06/30/22 | 16,856 | 21,325 | 4,469 |
| | **Total by Primary Sponsor** | | | | | | | | **3,870,372** | **75,909,355** | **2,764,259** |
| 000136 DOD-CDMRP (USE FOR | 005260 Beth Israel Dea | 6938137 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/16 | 09/29/18 | 0 | 175,403 | (0) |
| | 005321 Brigham & Women's Hospital | 6942404 | C | P152000 | 122094 | Pentelute /Bradley L. | 09/15/19 | 09/14/22 | 0 | 0 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (USE FOR PROPOSALS ONLY) | Women's Hospital | 6942602 | C | P152000 | 122094 | Pentelute /Bradley L. | 09/15/19 | 09/14/22 | 47,076 | 102,300 | 5,036 |
| | **Total by Primary Sponsor** | | | | | | | | **47,076** | **277,703** | **5,036** |
| 000140 Navy - Miscellaneous | 007637 University of Te | 6936413 | C | P067952 | UTA16-000982 | Williams /Richard Ryan | 09/01/16 | 08/31/18 | (1,065) | 144,307 | 0 |
| | 105509 Pendar Technol | 6944811 | C | P417500 | AGREEMENT DATED 7/1/2019 | Hu /Juejun | 10/01/19 | 12/15/20 | 25,619 | 37,774 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **24,554** | **182,081** | **0** |
| 000146 Navy - ONR | 000146 Navy - ONR | 6932335 | C | P065005 | N00014-15-1-2460 | Yue /Dick K. P. | 07/01/15 | 06/30/21 | 13 | 1,060,000 | 0 |
| | | 6932519 | C | P065005 | N00014-15-1-2626 | Lermusiaux /Pierre | 04/08/15 | 09/30/21 | 9,353 | 544,451 | 0 |
| | | 6932658 | C | P065005 | N00014-15-1-2622 | Peacock /Thomas | 05/01/15 | 08/31/21 | (9,194) | 579,671 | 2,299 |
| | | 6933431 | C | P068700 | N00014-16-1-2141 | Win /Moe Z | 01/01/16 | 09/30/22 | 63,400 | 1,719,605 | 22,890 |
| | | 6933564 | C | P152000 | N00014-16-1-2090 | Nelson /Keith Adam | 12/01/15 | 11/30/21 | 9,262 | 750,000 | 0 |
| | | 6933697 | C | P065005 | N00014-16-1-2450 | Peacock /Thomas | 04/01/16 | 03/31/22 | 2,301 | 703,737 | (223) |
| | | 6934371 | C | P267100 | N00014-16-1-2815 | Ketterle /Wolfgang | 07/01/16 | 04/30/22 | 1,295 | 2,312,000 | 118,085 |
| | | 6934468 | C | P266301 | N00014-16-1-2945 | Chryssostomidis /Chryssostomo | 08/01/16 | 10/31/21 | 35,436 | 664,100 | (0) |
| | | 6934670 | C | P267100 | N00014-16-1-2815 | Ketterle /Wolfgang | 08/01/16 | 05/28/21 | 0 | 688,000 | (116,204) |
| | | 6934699 | C | P069400 | N00014-16-1-3163 | Jadbabaie-Moghadam /Ali | 07/01/16 | 08/31/23 | 124,250 | 3,051,557 | 808,121 |
| | | 6934713 | C | P067952 | N00014-16-1-3116 | Oliva /Aude | 09/01/16 | 04/30/22 | 213,011 | 2,756,637 | 330 |
| | | 6935358 | C | P061090 | N00014-17-1-2072 | How /Jonathan P | 09/01/16 | 12/31/22 | 142,757 | 1,480,000 | 206,187 |
| | | 6935494 | C | P067952 | N00014-17-1-2072 | Fisher /John W | 09/01/16 | 07/31/22 | 50,251 | 528,000 | 30,321 |
| | | 6935495 | C | P068700 | N00014-17-1-2072 | Broderick /Tamara A | 09/01/16 | 07/31/22 | 87,962 | 528,000 | 792 |
| | | 6935515 | C | P068700 | N00014-17-1-2147 | Uhler /Caroline | 01/01/17 | 12/31/21 | 87,857 | 1,232,230 | 0 |
| | | 6935736 | C | P065005 | N00014-17-1-2197 | Makris /Nicholas | 02/01/17 | 01/31/21 | (6,744) | 1,658,256 | (0) |
| | | 6935802 | C | P401710 | N00014-17-1-2186 | Coster /Anthea J | 02/01/17 | 07/31/22 | 113,404 | 538,150 | (14,076) |
| | | 6936051 | C | P068700 | N00014-17-1-2379 | Win /Moe Z | 03/15/17 | 11/30/22 | 0 | 103,885 | 90,442 |
| | | 6936303 | C | P065005 | N00014-17-1-2474 | Schmidt /Henrik | 05/01/17 | 04/30/21 | (2,559) | 842,356 | 0 |
| | | 6936478 | C | P165000 | N00014-17-1-2609 | Bathe /Mark | 08/01/17 | 07/31/21 | (3) | 661,633 | (0) |
| | | 6936685 | C | P068700 | N00014-17-1-2670 | Karaman /Sertac | 07/01/17 | 06/30/21 | (495,456) | 247,483 | 0 |
| | | 6936817 | C | P067952 | N00014-17-1-2791 | Sontag /David Alexander | 06/01/17 | 08/31/21 | (1,266) | 437,431 | (0) |
| | | 6936862 | C | P069850 | N00014-17-1-2883 | Checkelsky /Joseph | 09/01/17 | 08/30/21 | (5,847) | 516,818 | (0) |
| | | 6936947 | C | P065005 | N00014-17-1-2920 | Zhao /Xuanhe | 06/03/17 | 04/30/21 | (484) | 460,818 | 0 |
| | | 6937034 | C | P065005 | N00014-17-1-2985 | Sclavounos /Paul D | 09/01/17 | 08/31/21 | 32,447 | 359,216 | (0) |
| | | 6937049 | C | P062000 | N00014-17-1-2956 | Kulik /Heather Janine | 09/01/17 | 10/31/21 | 53,321 | 450,000 | 0 |
| | | 6937331 | C | P417000 | N00014-17-1-2977 | Soljacic /Marin | 09/30/17 | 03/29/22 | 74,221 | 299,898 | (0) |
| | | 6937346 | C | P417000 | N00014-17-1-2977 | Boyden /Edward | 09/30/17 | 03/29/22 | 46,957 | 300,102 | (0) |
| | | 6937495 | C | P065005 | N00014-18-1-2085 | Makris /Nicholas | 01/01/18 | 12/31/21 | (1) | 280,781 | (0) |
| | | 6937778 | C | P065004 | N00014-18-1-2066 | Hart /Douglas | 09/15/17 | 08/30/21 | 173 | 205,000 | 0 |
| | | 6937856 | C | P267100 | N00014-17-1-2257 | Zwierlein /Martin Wolfram | 04/01/17 | 06/30/21 | 0 | 204,693 | 0 |
| | | 6938061 | C | P068700 | N00014-18-1-2122 | Jaillet /Patrick | 06/01/18 | 09/30/23 | 189,184 | 483,809 | (9,599) |
| | | 6938108 | C | P060600 | N00014-18-1-2177 | Palacios /Tomas | 04/01/18 | 06/30/21 | (52,686) | 410,000 | 0 |
| | | 6938279 | C | P066000 | N00014-18-1-2284 | Tasan /Cemal | 06/01/18 | 01/31/23 | 81,831 | 510,000 | (7,648) |
| | | 6938307 | C | P063007 | N00014-18-1-2258 | Marelli /Benedetto | 06/01/18 | 05/31/21 | (1,603) | 509,997 | 0 |
| | | 6938364 | C | P068700 | N00014-18-1-2210 | Megretski /Alexandre | 06/01/18 | 05/31/22 | 108,183 | 475,860 | 175 |
| | | 6938508 | C | P067952 | N00014-18-1-2210 | Tedrake /Russell L | 06/01/18 | 05/31/22 | 195,933 | 524,140 | 5,394 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938550 | C | P417000 | N00014-18-1-2378 | Nelson /Keith Adam | 06/01/18 | 08/31/21 | 16,110 | 366,410 | 0 |
| | | 6938559 | C | P062000 | N00014-18-1-2434 | Kulik /Heather Janine | 06/01/18 | 08/31/22 | 132,411 | 510,000 | 17,030 |
| | | 6938655 | C | P121012 | N00014-18-1-2298 | Mazumder /Rahul | 06/01/18 | 09/30/21 | 26,681 | 508,780 | 0 |
| | | 6938931 | C | P068700 | N00014-18-1-2765 | Uhler /Caroline | 09/01/18 | 08/31/21 | (9,659) | 250,000 | 0 |
| | | 6938933 | C | P065005 | N00014-18-1-2762 | Peacock /Thomas | 05/03/18 | 07/31/23 | 19,760 | 299,957 | 53,013 |
| | | 6938976 | C | P065005 | N00014-18-1-2781 | Lermusiaux /Pierre | 07/15/18 | 07/14/23 | 133,187 | 667,142 | 194,931 |
| | | 6939081 | C | P067952 | N00014-18-1-2832 | Leonard /John J | 09/01/18 | 08/31/23 | 86,878 | 637,064 | 90,620 |
| | | 6939138 | C | P067952 | N00014-18-1-2815 | Shah /Julie A | 08/01/18 | 07/31/23 | 279,332 | 706,066 | 50,997 |
| | | 6939218 | C | P267500 | N00014-18-1-2496 | Leeb /Steven B | 09/01/18 | 01/31/23 | 168,258 | 836,885 | 133,556 |
| | | 6939343 | C | P154000 | N00014-18-1-2525 | Moitra /Ankur | 07/01/18 | 06/30/21 | (4) | 510,000 | (0) |
| | | 6939380 | C | P067952 | N00014-18-1-2847 | Kaelbling /Leslie P | 09/01/18 | 08/31/22 | 140,974 | 1,208,352 | 108,583 |
| | | 6939404 | C | P152000 | N00014-18-1-2878 | Swager /Timothy M | 10/01/18 | 09/30/22 | 353,683 | 2,400,000 | 199,950 |
| | | 6939525 | C | P039000 | N00014-18-1-2894 | Raskar /Ramesh | 09/30/18 | 09/29/21 | 13,863 | 499,990 | (0) |
| | | 6939934 | C | P068700 | N00014-17-1-2379 | Win /Moe Z | 06/01/17 | 11/30/22 | 0 | 23,218 | 13,344 |
| | | 6940044 | C | P061090 | N00014-18-1-2832 | How /Jonathan P | 09/01/18 | 08/31/23 | 116,071 | 552,253 | 132,926 |
| | | 6940209 | C | P159300 | N00014-19-1-2036 | Nedivi /Elly | 01/18/19 | 01/17/23 | 526,567 | 1,707,120 | 33,710 |
| | | 6940283 | C | P067952 | N00014-18-1-2815 | Adelson /Edward H | 08/01/18 | 07/31/23 | 196,962 | 531,869 | 88,340 |
| | | 6940295 | C | P067952 | N00014-18-1-2847 | Tenenbaum /Joshua B | 09/01/18 | 08/31/22 | 162,036 | 591,648 | 34,389 |
| | | 6940379 | C | P417500 | N00014-19-1-2114 | Olivetti /Elsa A | 03/01/19 | 02/23/23 | 138,657 | 675,000 | 361,521 |
| | | 6940539 | C | P065005 | N00014-19-1-2180 | Schmidt /Henrik | 01/01/19 | 08/31/22 | 87,707 | 360,000 | 21,205 |
| | | 6940624 | C | P165000 | N00014-19-1-2344 | Bathe /Mark | 06/01/19 | 05/31/21 | 4,873 | 447,962 | 0 |
| | | 6940657 | C | P267500 | N00014-19-1-2359 | Kirtley /James L | 01/22/19 | 07/20/21 | (23,950) | 399,999 | (0) |
| | | 6940723 | C | P039000 | N00014-19-1-2325 | Adib /Fadel | 05/01/19 | 12/31/22 | 200,085 | 485,153 | 41,574 |
| | | 6940786 | C | P122030 | N00014-19-1-2362 | Klein /Mark | 05/15/19 | 03/10/22 | 103,433 | 331,009 | (75,665) |
| | | 6940867 | C | P063007 | N00014-19-1-2375 | Buehler /Markus J | 06/18/19 | 09/14/22 | 165,688 | 599,815 | 210,200 |
| | | 6940875 | C | P320000 | N00014-19-1-2307 | Strano /Michael S. | 07/01/19 | 06/30/21 | 450 | 249,997 | (0) |
| | | 6940876 | C | P063007 | N00014-19-1-2317 | Marelli /Benedetto | 05/06/19 | 05/05/24 | 89,613 | 800,000 | 346,243 |
| | | 6941231 | C | P065005 | N00014-19-1-2607 | Schmidt /Henrik | 08/01/19 | 07/31/22 | 27,821 | 114,945 | (4) |
| | | 6941232 | C | P154500 | N00014-19-1-2584 | Fiete /Ila R | 07/22/19 | 07/21/22 | 245,157 | 622,725 | 35,156 |
| | | 6941360 | C | P065005 | N00014-19-1-2693 | Lermusiaux /Pierre | 08/01/19 | 07/31/22 | 49,273 | 599,031 | 324,761 |
| | | 6941381 | C | P065005 | N00014-19-1-2664 | Lermusiaux /Pierre | 10/01/19 | 09/30/22 | 181,593 | 600,000 | 60,693 |
| | | 6941445 | C | P401710 | N00014-19-1-2605 | Elosegui /Pedro | 08/01/19 | 07/31/24 | 58,793 | 328,396 | 49,013 |
| | | 6941528 | C | P039000 | N00014-19-1-2325 | Adib /Fadel | 05/01/19 | 12/31/22 | 11,124 | 50,000 | 6,317 |
| | | 6941559 | C | P267100 | N00014-19-1-2631 | Zwierlein /Martin Wolfram | 08/01/19 | 07/31/24 | 461,909 | 1,756,004 | 398,590 |
| | | 6941628 | C | P401710 | N00014-19-1-2605 | Elosegui /Pedro | 09/01/19 | 03/31/21 | 0 | 78,146 | 0 |
| | | 6941638 | C | P065005 | N00014-19-1-2716 | Schmidt /Henrik | 09/15/19 | 09/14/22 | 126,235 | 299,999 | 29,919 |
| | | 6941694 | C | P068700 | N00014-19-1-2724 | Win /Moe Z | 09/15/19 | 09/14/22 | 353,600 | 1,000,000 | 549,758 |
| | | 6941711 | C | P267110 | N00014-19-1-2665 | Wornell /Gregory W | 10/01/19 | 09/30/22 | 344,167 | 627,679 | 12,662 |
| | | 6941751 | C | P065005 | N00014-19-1-2741 | Schmidt /Henrik | 10/01/19 | 09/30/22 | 168,953 | 647,680 | 15,494 |
| | | 6941966 | C | P165000 | N00014-20-1-2084 | Bathe /Mark | 01/15/20 | 01/14/23 | 208,605 | 583,850 | 49,977 |
| | | 6941987 | C | P065005 | N00014-20-1-2023 | Lermusiaux /Pierre | 11/01/19 | 10/31/24 | 245,545 | 699,400 | 310,172 |
| | | 6942041 | C | P068700 | N00014-20-1-2119 | Modiano /Eytan H | 03/01/20 | 02/28/23 | 247,344 | 572,987 | 109,270 |
| | | 6942106 | C | P417000 | N00014-18-1-2378 | Nelson /Keith Adam | 11/01/19 | 08/31/21 | 4,202 | 17,751 | 0 |
| | | 6942208 | C | P067952 | N00014-20-1-2749 | Shrobe /Howard E | 12/01/19 | 03/31/22 | 95,592 | 453,703 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942249 | C | P065005 | N00014-20-1-2023 | Lermusiaux /Pierre | 11/01/19 | 10/31/24 | 942,734 | 2,050,600 | 348,423 |
| | | 6942250 | C | P068700 | N00014-20-1-2023 | Broderick /Tamara A | 11/01/19 | 10/31/24 | 125,742 | 500,000 | 85,146 |
| | | 6942251 | C | P067952 | N00014-20-1-2023 | Jegelka /Stefanie Sabrina | 11/01/19 | 10/31/24 | 81,880 | 500,000 | 230,527 |
| | | 6942533 | C | P165000 | N00014-20-1-2084 | Bathe /Mark | 01/15/20 | 01/14/23 | 18,588 | 158,900 | 65,225 |
| | | 6942544 | C | P065005 | N00014-20-1-2059 | Yue /Dick K. P. | 02/01/20 | 01/31/24 | 238,367 | 755,268 | 249,346 |
| | | 6942693 | C | P062000 | N00014-20-1-2150 | Kulik /Heather Janine | 03/01/20 | 02/29/24 | 185,527 | 600,000 | 161,239 |
| | | 6942735 | C | P065005 | N00014-20-1-2035 | Makris /Nicholas | 03/01/20 | 02/28/23 | 552,155 | 1,807,926 | 714,686 |
| | | 6942830 | C | P165000 | N00014-20-1-2202 | Bathe /Mark | 04/01/20 | 12/31/22 | 11,121 | 552,061 | 207,409 |
| | | 6942831 | C | P267200 | N00014-20-1-2221 | Shao-Horn /Yang | 04/01/20 | 03/31/23 | 82,050 | 300,000 | 104,571 |
| | | 6942865 | C | P417500 | N00014-20-1-2280 | Olivetti /Elsa A | 04/01/20 | 03/31/24 | 46,925 | 313,350 | 166,096 |
| | | 6942888 | C | P267500 | N00014-20-1-2353 | Leeb /Steven B | 06/01/20 | 05/31/22 | 5,325 | 375,000 | (27) |
| | | 6942889 | C | P243021 | N00014-20-1-2306 | Moodera /Jagadeesh | 04/15/20 | 04/14/23 | 352,476 | 604,000 | 52,472 |
| | | 6942954 | C | P068700 | N00014-20-1-2394 | Jadbabaie-Moghadam /Ali | 03/03/20 | 05/31/23 | 229,161 | 615,000 | 224,757 |
| | | 6942982 | C | P061093 | N00014-20-1-2300 | Wardle /Brian L | 04/01/20 | 03/31/25 | 139,221 | 312,714 | 118,943 |
| | | 6942985 | C | P065005 | N00014-20-1-2366 | Sapsis /Themistoklis Panagioti | 05/01/20 | 04/30/24 | 31,388 | 255,000 | 138,271 |
| | | 6943005 | C | P154500 | N00014-20-1-2336 | Rakhlin /Alexander | 04/03/20 | 04/02/23 | 113,652 | 339,165 | 117,386 |
| | | 6943029 | C | P267100 | N00014-19-1-2631 | Zwierlein /Martin Wolfram | 08/01/19 | 07/31/24 | 121,746 | 260,000 | 35,720 |
| | | 6943142 | C | P067952 | N00014-20-1-2533 | Shrobe /Howard E | 05/01/20 | 05/31/22 | 58,137 | 150,000 | (2,865) |
| | | 6943155 | C | P267100 | N00014-20-1-2428 | Vuletic /Vladan | 04/01/20 | 03/31/23 | 295,514 | 570,500 | 97,385 |
| | | 6943172 | C | P068700 | N00014-20-1-2532 | Broderick /Tamara A | 06/01/20 | 05/31/25 | 288,942 | 600,000 | 306,616 |
| | | 6943199 | C | P039000 | N00014-20-1-2531 | Adib /Fadel | 07/01/20 | 06/30/24 | 357,501 | 570,385 | 121,437 |
| | | 6943320 | C | P063007 | N00014-20-1-2561 | Cohen /Tal | 05/11/20 | 05/10/23 | 173,865 | 509,975 | 103,086 |
| | | 6943322 | C | P267200 | N00014-20-1-2647 | Oliver /William D | 05/19/20 | 11/18/22 | 86,320 | 485,520 | 0 |
| | | 6943354 | C | P039000 | N00014-20-1-2531 | Adib /Fadel | 07/01/20 | 06/30/24 | 14,524 | 29,615 | 8,923 |
| | | 6943557 | C | P060600 | N00014-20-1-4005 | Lee /Hae-Seung | 07/20/20 | 02/28/23 | 160,036 | 490,000 | 70,893 |
| | | 6943587 | C | P400600 | N00014-20-1-2589 | DiCarlo /James | 07/20/20 | 07/19/24 | 578,257 | 1,109,605 | 150,791 |
| | | 6943598 | C | P417500 | N00014-20-1-2790 | Olson /Gregory B. | 07/20/20 | 12/31/21 | 15,363 | 128,857 | 0 |
| | | 6943698 | C | P066000 | N00014-20-1-2807 | Jaramillo /Rafael | 08/10/20 | 02/09/22 | 1,148 | 133,810 | 298 |
| | | 6943719 | C | P267100 | N00014-20-1-2428 | Vuletic /Vladan | 04/01/20 | 03/31/23 | 83,357 | 127,000 | 3,959 |
| | | 6943792 | C | P067952 | N00014-20-1-2589 | Katz /Boris | 07/20/20 | 07/19/24 | 279,444 | 323,390 | 12,203 |
| | | 6943951 | C | P154000 | N00014-20-1-2826 | Mossel /Elchanan | 08/12/20 | 08/11/25 | 218,796 | 1,150,900 | 798,095 |
| | | 6944399 | C | P165000 | N00014-21-1-4013 | Bathe /Mark | 11/02/20 | 11/01/23 | 316,406 | 402,522 | 19,357 |
| | | 6945009 | C | P320000 | N00014-21-1-2192 | Strano /Michael S. | 03/05/21 | 03/04/23 | 104,096 | 250,000 | 76,422 |
| | | 6945070 | C | P065005 | N00014-20-1-2035 | Makris /Nicholas | 03/01/21 | 12/31/21 | 6,237 | 112,074 | 0 |
| | | 6945130 | C | P065004 | N00014-21-1-2280 | Makris /Nicholas | 04/01/21 | 03/31/23 | 90,988 | 91,750 | (0) |
| | | 6945144 | C | P121012 | N00014-21-1-2170 | Bhui /Rahul B | 07/01/21 | 06/30/24 | 4,030 | 150,000 | 145,970 |
| | | 6945148 | C | P065005 | N00014-21-1-2382 | Patera /Anthony T | 06/01/21 | 05/31/24 | 77,931 | 257,254 | 171,519 |
| | | 6945212 | C | P417000 | N00014-18-1-2378 | Nelson /Keith Adam | 03/01/21 | 07/31/21 | 11,376 | 11,376 | 0 |
| | | 6945251 | C | P417500 | N00014-21-1-2400 | Olson /Gregory B. | 05/01/21 | 04/30/25 | 120,372 | 320,015 | 186,685 |
| | | 6945276 | C | P065005 | N00014-21-1-2357 | Sapsis /Themistoklis Panagioti | 04/29/21 | 04/28/24 | 17,542 | 125,000 | 107,458 |
| | | 6945377 | C | P066000 | N00014-21-1-2509 | Tasan /Cemal | 05/01/21 | 01/30/23 | 0 | 248,379 | 248,379 |
| | | 6945401 | C | P267500 | N00014-21-1-2497 | Kirtley /James L | 02/04/21 | 09/30/23 | 353,838 | 500,000 | 58,911 |
| | | 6945414 | C | P063007 | N00014-21-1-2402 | Marelli /Benedetto | 06/01/21 | 05/31/24 | 194,556 | 238,474 | 12,133 |
| | | 6945484 | C | P417500 | N00014-21-1-2591 | Checkelsky /Joseph | 02/20/21 | 05/19/23 | 223,754 | 340,000 | 116,246 |
| | | 6945501 | C | P061094 | N00014-21-1-2571 | Guerra Garcia /Carmen | 07/01/21 | 06/30/23 | 149,896 | 253,506 | 103,610 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945502 | C | P121012 | N00014-21-1-2573 | Rand /David Gertler | 05/27/21 | 05/26/24 | 189,358 | 306,115 | 103,132 |
| | | 6945555 | C | P062000 | N00014-21-1-2666 | Smith /Zachary P | 07/01/21 | 06/30/24 | 249,614 | 252,315 | 2,701 |
| | | 6945669 | C | P068700 | N00014-17-1-2670 | Karaman /Sertac | 09/01/17 | 06/30/21 | 259,489 | 259,489 | 0 |
| | | 6945788 | C | P067952 | N00014-21-1-2807 | Sontag /David Alexander | 09/01/21 | 08/31/24 | 89,133 | 205,635 | 116,502 |
| | | 6945791 | C | P121012 | N00014-21-1-2776 | Golrezaei /Negin | 07/20/21 | 07/19/24 | 127,835 | 251,011 | 123,176 |
| | | 6945803 | C | P417000 | N00014-18-1-2378 | Nelson /Keith Adam | 07/01/21 | 08/31/21 | 13,345 | 13,345 | 0 |
| | | 6945875 | C | P121012 | N00014-21-1-2841 | Mazumder /Rahul | 09/01/21 | 08/31/24 | 82,079 | 215,000 | 132,921 |
| | | 6945930 | C | P062000 | N00014-21-1-2195 | Coley /Connor Wilson | 04/02/21 | 07/01/22 | 210,516 | 225,000 | 14,484 |
| | | 6946156 | C | P065005 | N00014-21-1-2831 | Lermusiaux /Pierre | 09/16/21 | 09/15/23 | 56,096 | 269,741 | 213,645 |
| | | 6946182 | C | P067952 | N00014-21-1-2960 | Sanchez Martin /Daniel | 09/22/21 | 09/21/23 | 231,919 | 957,383 | 725,464 |
| | | 6946556 | C | P061094 | N00014-22-1-2036 | Cordero /Zachary Copoulos | 12/01/21 | 11/30/24 | 61,766 | 213,900 | 152,134 |
| | | 6946839 | C | P068700 | N00014-22-1-2116 | Uhler /Caroline | 01/03/22 | 01/02/25 | 36,819 | 200,000 | 163,181 |
| | | 6947003 | C | P061093 | N00014-22-1-2203 | Wardle /Brian L | 01/01/22 | 02/01/25 | 83,118 | 150,000 | 66,882 |
| | | 6947007 | C | P062000 | N00014-21-1-2666 | Smith /Zachary P | 02/01/22 | 05/31/23 | 1,564 | 147,685 | 146,121 |
| | | 6947053 | C | P267100 | N00014-21-1-2880 | Vuletic /Vladan | 08/18/21 | 08/17/22 | 270,813 | 494,446 | 223,633 |
| | | 6947127 | C | P417500 | N00014-22-1-2303 | Checkelsky /Joseph | 04/01/22 | 03/31/23 | 0 | 333,713 | 333,713 |
| | | 6947134 | C | P165000 | N00014-22-1-2317 | Bathe /Mark | 04/01/22 | 03/31/23 | 0 | 417,550 | 417,550 |
| | | 6947212 | C | P267100 | N00014-22-1-2304 | Vuletic /Vladan | 03/01/22 | 02/28/23 | 87,072 | 779,010 | 691,938 |
| | | 6947306 | C | P267500 | N00014-22-1-2092 | Leeb /Steven B | 05/01/22 | 04/30/24 | 7,032 | 250,000 | 242,968 |
| | | 6947352 | C | P066000 | N00014-22-1-2148 | Macfarlane /Robert J | 05/01/22 | 04/30/26 | 39,400 | 180,000 | 140,600 |
| | | 6947493 | C | P267500 | N00014-22-1-2326 | Kirtley /James L | 05/01/22 | 04/30/23 | 14,787 | 250,000 | 235,213 |
| | | 6947683 | C | P268001 | N00014-22-1-2468 | Palacios /Tomas | 06/01/22 | 05/31/25 | 6,545 | 75,000 | 68,455 |
| | | 6947707 | C | P401710 | N00014-22-1-2284 | Coster /Anthea J | 04/01/22 | 03/31/23 | 0 | 105,000 | 105,000 |
| | | 6947826 | C | P067952 | N00014-22-1-2463 | Okhravi /Hamed | 07/01/22 | 06/30/23 | 0 | 200,000 | 200,000 |
| | 003928 Oasis | 6942398 | C | P065005 | 1186-001-45 | Lermusiaux /Pierre | 01/02/20 | 12/31/21 | 107,058 | 223,179 | (0) |
| | 004513 Scientific Syster | 6947088 | C | P061090 | SC-1741-01 | How /Jonathan P | 01/20/22 | 07/27/22 | 37,212 | 50,000 | 12,788 |
| | 005222 Metis Design Cc | 6943603 | C | P061093 | STTR AGRMNT DTD. 5/29/2020 | Wardle /Brian L | 05/29/20 | 11/29/21 | 86,072 | 200,000 | (0) |
| | 005250 Battelle Memori | 6941249 | C | P267200 | PO US0011-0000743557-LINE 1 | Medard /Muriel | 07/12/18 | 09/10/21 | (887) | 573,686 | (0) |
| | 005274 Boston Universi | 6935193 | C | P159300 | 4500002204 | Miller /Earl K | 09/01/16 | 11/30/22 | 133,551 | 1,322,304 | 43,618 |
| | | 6942565 | C | P067952 | 4500003329 | Leonard /John J | 09/02/19 | 09/01/24 | 253,663 | 662,039 | (26,479) |
| | | 6942701 | C | P067952 | 4500003329 | Roy /Nicholas | 09/02/19 | 09/01/24 | 176,734 | 668,294 | 172,042 |
| | | 6943504 | C | P067952 | 4500003329 | Leonard /John J | 09/02/19 | 09/30/22 | 372 | 6,254 | 1,195 |
| | 005521 Cornell University | 6937216 | C | P067952 | 81825-10911 | Roy /Nicholas | 08/01/17 | 07/31/22 | 47,045 | 983,060 | 48,044 |
| | | 6937574 | C | P067952 | 81825-10911 | Tedrake /Russell L | 08/01/17 | 07/31/22 | 131,679 | 883,832 | 13,774 |
| | | 6937575 | C | P067952 | 81825-10911 | Solar Lezama /Armando | 08/01/17 | 07/31/22 | 54,682 | 689,105 | 21,490 |
| | | 6937576 | C | P067952 | 81825-10911 | Carbin /Michael James | 08/01/17 | 07/31/22 | 64,625 | 804,005 | 98,210 |
| | | 6941679 | C | P061096 | 87748-11235 | Shah /Julie A | 05/06/19 | 05/05/24 | 141,281 | 448,528 | 168,746 |
| | 005615 Dartmouth Colle | 6943533 | C | P061097 | R1387 | Marzouk /Youssef M | 06/15/20 | 06/14/22 | 339,097 | 650,000 | 179,988 |
| | 005935 Georgia Institute | 6938924 | C | P065004 | RK015-G3/AWD-102036-G3/PO-50113 | Henry /Asegun S | 07/01/18 | 06/30/23 | 182,638 | 833,445 | 72,096 |
| | 006120 Harvard University | 6937039 | C | P267100 | 123950-5092634 | Vuletic /Vladan | 07/01/17 | 06/30/20 | 0 | 138,729 | 0 |
| | | 6943286 | C | P062000 | 130417-5114573 | Smith /Zachary P | 05/01/20 | 10/31/22 | 272,654 | 391,375 | (124,910) |
| | 006211 Institute for the : | 6943551 | C | P067952 | N00014-20-1-2643 | Katz /Boris | 05/18/20 | 05/17/23 | 259,521 | 681,657 | 124,087 |
| | 006951 Florida State University | 6935158 | C | P266301 | R01849 | Triantafyllou /Michael S | 08/01/16 | 10/31/22 | 336,147 | 1,627,400 | 212,433 |
| | | 6945645 | C | P266301 | R000002829 | Chryssostomidis /Chryssostomo: | 03/03/21 | 12/31/25 | 0 | 100,000 | 100,000 |
| | | 6945918 | C | P266301 | R000002829 | Chryssostomidis /Chryssostomo: | 03/03/21 | 12/31/25 | 3,182 | 25,000 | 21,818 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007380 Stanford University | 6931094 | C | P400600 | 60744752-114407 | DiCarlo /James | 07/01/14 | 06/30/22 | 158,107 | 1,950,000 | 5,299 |
| | | 6939969 | C | P067952 | 61957754-136921 | Rus /Daniela L | 09/01/18 | 08/31/22 | 158,139 | 496,468 | 78,112 |
| | 007534 University of Ca | 6939646 | C | P068700 | 108548654 | Carlone /Luca | 08/15/18 | 08/14/22 | 166,605 | 336,749 | (144,249) |
| | 007616 University of Southern California | 6939535 | C | P069201 | 107215392 | Voigt /Christopher A. | 08/01/18 | 05/31/22 | 0 | 0 | 0 |
| | | 6939922 | C | P065004 | 107215392 | Buie /Cullen | 08/01/18 | 05/31/22 | 64,819 | 584,501 | (173) |
| | | 6939923 | C | P069201 | 107215392 | Voigt /Christopher A. | 08/01/18 | 05/31/22 | 254,153 | 951,678 | (11,221) |
| | | 6939924 | C | P069201 | 107215392 | Lu /Timothy K | 08/01/18 | 07/31/19 | 0 | 81,821 | 0 |
| | | 6942367 | C | P067952 | 125046653 | Katz /Boris | 09/27/19 | 09/26/23 | 207,751 | 422,535 | 46,942 |
| | 007617 University of Mi | 6937286 | C | P065005 | A006141803 | Sapsis /Themistoklis Panagioti | 08/01/17 | 07/31/22 | 189,708 | 750,000 | 3,230 |
| | 007625 University of Ca | 6933105 | C | P154500 | 1015 G TA243/N00014-16-1-2007 | Tenenbaum /Joshua B | 07/03/15 | 09/30/21 | 114,546 | 1,336,500 | (0) |
| | 007628 University of Illi | 6943393 | C | P267500 | SUB# 099963-17888 | Soljacic /Marin | 05/01/20 | 04/30/23 | 289,491 | 408,710 | (23,830) |
| | 007630 University of Pennsylvania | 6937175 | C | P066000 | 572339 | Jaramillo /Rafael | 08/01/17 | 07/31/22 | 255,607 | 1,068,211 | (69,965) |
| | | 6939157 | C | P068000 | PO 4673492, 574340 | Li /Ju | 07/01/18 | 06/30/22 | 206,704 | 1,130,000 | 54,056 |
| | | 6947313 | C | P061096 | 584551 | Roy /Nicholas | 12/01/21 | 12/30/22 | 0 | 0 | 0 |
| | | 6947348 | C | P061097 | 584551 | Carlone /Luca | 12/01/21 | 12/30/22 | 43,531 | 107,458 | 63,927 |
| | | 6947349 | C | P061090 | 584551 | How /Jonathan P | 12/01/21 | 12/30/22 | 9,889 | 107,458 | 97,569 |
| | | 6947350 | C | P067952 | 584551 | Roy /Nicholas | 12/01/21 | 12/30/22 | 12,002 | 107,458 | 95,456 |
| | 007637 University of Te | 6934067 | C | P065009 | UTA16-000556 | Schmidt /Aaron J | 06/01/16 | 10/31/21 | 2,084 | 1,150,000 | (0) |
| | 007641 University of Mi | 6940785 | C | P153000 | SUBK00009163 / PO3005498095 | Ravela /Sai Czander | 04/01/19 | 03/31/23 | 101,016 | 451,725 | 49,076 |
| | 007661 Virginia Polytecl | 6941716 | C | P267110 | 450677-19825 | Zheng /Lizhong | 09/01/19 | 08/31/23 | 368,912 | 875,000 | 170,434 |
| | 007676 University of California - Berkeley | 6946583 | C | P400600 | 00010803, PO #BB01540322 | DiCarlo /James | 09/01/21 | 08/31/22 | 172,959 | 175,000 | 2,041 |
| | | 6946804 | C | P154500 | 00010803, PO #BB01540322 | Tenenbaum /Joshua B | 09/01/21 | 08/31/22 | 67,264 | 132,049 | 64,785 |
| | | 6947076 | C | P067952 | PO BB01567970 | Tedrake /Russell L | 01/01/22 | 12/31/22 | 27,850 | 100,000 | 72,150 |
| | 007827 Woods Hole Oc | 6941770 | C | P061097 | A101439 | Cahoy /Kerri | 08/01/19 | 07/31/21 | 9 | 218,760 | 0 |
| | 010334 Temple Univers | 6941980 | C | P067952 | 264443-MIT / PO P0583584 | Jaakkola /Tommi S | 06/17/19 | 06/16/22 | 0 | 205,626 | 121,327 |
| | 012083 American Lightv | 6931266 | C | P069850 | 0001 | Clark /Joel P | 02/21/14 | 02/21/19 | (20,216) | 181,732 | (0) |
| | 104667 SeeByte | 6942772 | C | P065004 | SC0001-19 | Benjamin /Michael R | 09/23/19 | 08/31/21 | 810 | 64,980 | 0 |
| | | 6944771 | C | P065004 | SC0002-21 | Benjamin /Michael R | 07/15/20 | 08/31/22 | 52,083 | 100,000 | 0 |
| | | 6946919 | C | P065004 | SC0002-21 | Benjamin /Michael R | 10/01/21 | 08/31/22 | 37,142 | 100,000 | 62,858 |
| | 105509 Pendar Technol | 6945707 | C | P417500 | AGREEMENT DATED 5/25/2021 | Hu /Juejun | 09/22/20 | 09/22/22 | 186,413 | 180,000 | (6,413) |
| | 105723 Applied Ocean S | 6942080 | C | P065005 | AGMT DTD 8/9/19 | Lermusiaux /Pierre | 08/01/19 | 07/27/20 | (0) | 39,778 | 0 |
| | 107932 Boston Enginee | 6947663 | C | P065004 | PO #30061 | Benjamin /Michael R | 03/30/22 | 08/31/22 | 8,142 | 20,000 | 11,858 |
| | 107949 Pliant Energy S | 6946059 | C | P065004 | AGMT DTD 9/07/2021 | Benjamin /Michael R | 08/20/21 | 08/29/23 | 133,092 | 350,000 | 216,908 |
| | **Total by Primary Sponsor** | | | | | | | | **22,680,055** | **108,162,618** | **17,801,767** |
| 000148 Navy (NAVAIR) | 003424 HyperComp, Inc | 6943550 | C | P067952 | HPC2MIT-2020-01 | Solomon /Justin | 04/18/20 | 10/18/20 | 13,092 | 42,000 | 0 |
| | 004513 Scientific Syster | 6943307 | C | P061096 | # SC-1699-01 | Shah /Julie A | 04/24/20 | 04/18/22 | 183,555 | 244,734 | (0) |
| | 005222 Metis Design Co | 6942204 | C | P061093 | AGMT DTD 1/23/2020 | Wardle /Brian L | 09/01/19 | 11/21/22 | 114,925 | 392,000 | 5,351 |
| | 104567 Cascade Techn | 6945418 | C | P061096 | AGMT DATED 3/25/2021 | Lozano Duran /Adrian | 02/17/21 | 02/16/23 | 207,641 | 450,000 | 222,387 |
| | 107674 NERAMCO LLC | 6945852 | C | P065004 | AGMT EFF 7/15/2021 | Boriskina /Svetlana V | 07/15/21 | 04/15/22 | 40,000 | 40,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **559,213** | **1,168,734** | **227,738** |
| 000151 Space and | 000151 Space and Nav | 6927878 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/13 | 05/31/23 | 0 | 0 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Naval Warfare Systems Center | Warfare Systems Cente | 6928092 | C | P069400 | N66001-13-C-4025 | Strano /Michael S. | 09/01/13 | 10/31/13 | 0 | 5,341 | 0 |
| | | 6928179 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 2,747,103 | (98,320) |
| | | 6928180 | C | P069400 | N66001-13-C-4025 | Braatz /Richard D | 06/25/13 | 06/24/15 | 0 | 311,017 | 13,702 |
| | | 6928181 | C | P069400 | N66001-13-C-4025 | Strano /Michael S. | 06/25/13 | 06/24/15 | 0 | 628,716 | (49,244) |
| | | 6928182 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 388,078 | (14,718) |
| | | 6928183 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 466,202 | 122,152 |
| | | 6928184 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 986,243 | 57,591 |
| | | 6928185 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 836,401 | 0 |
| | | 6928186 | C | P267500 | N66001-13-C-4025 | Han /Jongyoon | 06/25/13 | 06/24/15 | 0 | 706,495 | (40,796) |
| | | 6928187 | C | P267600 | N66001-13-C-4025 | Lu /Timothy K | 06/25/13 | 06/24/15 | 0 | 891,332 | 55,539 |
| | | 6928188 | C | P267600 | N66001-13-C-4025 | Ram /Rajeev J | 06/25/13 | 06/24/15 | 0 | 835,200 | (26,654) |
| | | 6928729 | C | P267600 | N66001-13-C-4025 | Ram /Rajeev J | 09/01/13 | 06/24/15 | 0 | 45,797 | 0 |
| | | 6928866 | C | P267600 | N66001-13-C-4025 | Ram /Rajeev J | 10/01/13 | 06/24/17 | 0 | 6,600 | 0 |
| | | 6930050 | C | P069400 | N66001-13-C-4025 | Love /John C | 06/25/13 | 06/24/15 | 0 | 416,085 | 0 |
| | | 6932090 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/22 | 1,137 | 6,110,628 | (0) |
| | | 6932091 | C | P402010 | N66001-13-C-4025 | Braatz /Richard D | 06/25/15 | 06/24/18 | 0 | 539,461 | (0) |
| | | 6932092 | C | P402010 | N66001-13-C-4025 | Strano /Michael S. | 06/25/15 | 02/29/16 | 0 | 163,727 | 0 |
| | | 6932093 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 09/30/18 | 0 | 437,662 | 0 |
| | | 6932094 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 06/24/17 | 0 | 84,433 | 0 |
| | | 6932095 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 06/24/18 | 0 | 984,832 | 0 |
| | | 6932096 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/21 | 0 | 609,661 | 0 |
| | | 6932097 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/21 | 0 | 484,098 | 0 |
| | | 6932098 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/21 | 0 | 573,570 | 0 |
| | | 6932099 | C | P267500 | N66001-13-C-4025 | Han /Jongyoon | 06/25/15 | 02/29/16 | 0 | 299,832 | (0) |
| | | 6932100 | C | P267600 | N66001-13-C-4025 | Lu /Timothy K | 06/25/15 | 02/29/16 | 0 | 130,650 | (0) |
| | | 6932101 | C | P267600 | N66001-13-C-4025 | Ram /Rajeev J | 06/25/15 | 03/31/16 | 0 | 165,237 | 0 |
| | | 6932102 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/21 | 0 | 1,711,404 | 0 |
| | | 6933773 | C | P243020 | N66001-16-C-4039 | Temkin /Richard J | 05/23/16 | 06/30/21 | 17,086 | 1,783,169 | 1,471 |
| | | 6934329 | C | P243020 | N66001-16-C-4039 | Temkin /Richard J | 05/23/16 | 06/30/21 | 0 | 136,602 | 0 |
| | | 6935940 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 06/24/18 | 0 | 258,123 | 0 |
| | | 6935941 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 10/24/17 | 0 | 14,450 | 0 |
| | | 6935942 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/19 | 0 | 5,116 | (0) |
| | | 6935943 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 06/24/18 | 0 | 128,876 | 0 |
| | | 6935944 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 06/24/18 | 0 | 58,266 | 0 |
| | | 6936212 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/25/15 | 05/31/21 | 0 | 392,866 | 0 |
| | | 6939356 | C | P402010 | N66001-13-C-4025 | Love /John C | 09/01/18 | 05/31/21 | (59) | 435,384 | 0 |
| | | 6941164 | C | P402010 | N66001-13-C-4025 | Love /John C | 06/01/19 | 05/31/23 | 786,940 | 1,991,909 | 752,887 |
| | | 6944313 | C | P061096 | N660012014028 / MIPR# HR00110473 | Linares /Richard | 08/17/20 | 08/16/22 | 200,027 | 498,456 | 123,714 |
| | **Total by Primary Sponsor** | | | | | | | | **1,005,131** | **27,269,021** | **897,324** |
| 000152 Navy-ONF Global | 007630 University of Pe | 6937310 | C | P068000 | 572339 | Li /Ju | 08/01/17 | 02/28/22 | 235,155 | 761,667 | (200,975) |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Global | **Total by Primary Sponsor** | | | | | | | | **235,155** | **761,667** | **(200,975)** |
| 000156 Naval Air Warfare Center Weapons Division | 004513 Scientific Syster | 6947146 | C | P061090 | SC-1745-01 | How /Jonathan P | 03/07/22 | 08/24/22 | 33,187 | 70,000 | 36,813 |
| | **Total by Primary Sponsor** | | | | | | | | **33,187** | **70,000** | **36,813** |
| 000157 US Naval Observatory | 000157 US Naval Observatory | 6941859 | C | P401710 | N0018919PZ315 | Ruszczyk /Chester A | 09/30/19 | 04/30/21 | (4,001) | 202,648 | (0) |
| | | 6945515 | C | P401710 | N0018921PZ142 | Ruszczyk /Chester A | 05/01/21 | 04/30/22 | 64,330 | 121,693 | 41,315 |
| | **Total by Primary Sponsor** | | | | | | | | **60,329** | **324,341** | **41,315** |
| 000160 Defense Advanced Research Projects Agency | 000160 Defense Advanced Research Projects Agency | 6931952 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 05/04/15 | 03/31/22 | 0 | 447,931 | 433,378 |
| | | 6932175 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 293,861 | (0) |
| | | 6932176 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 512,452 | (0) |
| | | 6932177 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 73,531 | 0 |
| | | 6932178 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 659,211 | 0 |
| | | 6932179 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 212,272 | (0) |
| | | 6932180 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 48,784 | 0 |
| | | 6932181 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 190,854 | 0 |
| | | 6932182 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 76,613 | 0 |
| | | 6932183 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 39,417 | 0 |
| | | 6932184 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 362,116 | (0) |
| | | 6932185 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 203,024 | 0 |
| | | 6932186 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 05/04/15 | 11/04/16 | 0 | 486,514 | (0) |
| | | 6932187 | C | P069201 | HR0011-15-C-0084 | Lu /Timothy K | 05/04/15 | 11/04/16 | 0 | 154,324 | 0 |
| | | 6932188 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 349,983 | (0) |
| | | 6932189 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 107,349 | (0) |
| | | 6932190 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 1,134,971 | (0) |
| | | 6932191 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 4,996,629 | 0 |
| | | 6932275 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/04/15 | 11/04/16 | 0 | 111,110 | 0 |
| | | 6935187 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 11/17/16 | 09/30/18 | 0 | 0 | 0 |
| | | 6935188 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 11/17/16 | 09/30/18 | 0 | 66,321 | 0 |
| | | 6935189 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 09/13/16 | 02/28/17 | 0 | 128,615 | 0 |
| | | 6935190 | C | P069201 | HR0011-15-C-0084 | Lu /Timothy K | 09/13/16 | 02/28/17 | 0 | 21,581 | 700 |
| | | 6935195 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 235,971 | (0) |
| | | 6935196 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 05/31/18 | 0 | 375,575 | 0 |
| | | 6935197 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 59,059 | 0 |
| | | 6935198 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 05/31/18 | 0 | 701,276 | (0) |
| | | 6935199 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 69,104 | 0 |
| | | 6935200 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 05/31/18 | 0 | 78,158 | (0) |
| | | 6935201 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 217,465 | (0) |
| | | 6935202 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 130,541 | 0 |
| | | 6935203 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 05/31/18 | 0 | 1,228,567 | (0) |
| | | 6935204 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 09/13/16 | 09/30/18 | 0 | 5,044,635 | 0 |
| | | 6935404 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 11/17/16 | 09/30/18 | 0 | 641,220 | 0 |
| | | 6935869 | C | P066000 | HR00111720029 | Hu /Juejun | 04/01/17 | 12/30/21 | 2,819 | 1,105,686 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935986 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 11/17/16 | 05/31/18 | 0 | 204,303 | (0) |
| | | 6935987 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 11/17/16 | 05/31/18 | 0 | 147,970 | 0 |
| | | 6935988 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 11/17/16 | 05/31/18 | 0 | 478,603 | (0) |
| | | 6935989 | C | P069201 | HR0011-15-C-0084 | Lu /Timothy K | 11/17/16 | 05/31/18 | 0 | 174,867 | 0 |
| | | 6936090 | C | P066000 | HR00111720029 | Agarwal /Anuradha | 04/01/17 | 12/30/21 | 36,105 | 272,966 | 0 |
| | | 6936091 | C | P066000 | HR00111720029 | Hu /Juejun | 04/01/17 | 09/30/21 | 78,245 | 620,012 | 0 |
| | | 6936092 | C | P066000 | HR00111720029 | Hu /Juejun | 04/01/17 | 09/30/21 | 60,568 | 623,077 | 0 |
| | | 6936093 | C | P066000 | HR00111720029 | Hu /Juejun | 04/01/17 | 12/30/21 | 52,870 | 616,215 | 0 |
| | | 6937124 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 02/01/17 | 05/31/18 | 0 | 177,592 | 0 |
| | | 6937125 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/01/17 | 09/30/18 | 0 | 208,543 | 0 |
| | | 6937126 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/01/17 | 05/31/18 | 0 | 27,057 | (0) |
| | | 6937173 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/01/17 | 09/30/18 | 0 | 108,826 | (0) |
| | | 6938624 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 04/30/21 | 0 | 0 | 0 |
| | | 6938625 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 20,633 | 0 |
| | | 6938626 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 303,799 | (0) |
| | | 6938627 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 394,892 | 0 |
| | | 6938628 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 598,946 | 0 |
| | | 6938629 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 04/30/21 | 0 | 362,442 | (96) |
| | | 6938630 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 04/30/21 | 0 | 981,122 | (386,103) |
| | | 6938631 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 04/30/21 | 257,042 | 5,477,425 | (17,573) |
| | | 6938632 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 12/31/20 | 0 | 0 | 0 |
| | | 6938633 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 183,120 | (3,638) |
| | | 6938634 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 05/02/20 | 0 | 431,937 | 20,312 |
| | | 6938635 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 05/03/18 | 03/31/22 | 0 | 0 | 0 |
| | | 6938636 | C | P069201 | HR0011-15-C-0084 | Voigt /Christopher A. | 05/03/18 | 08/31/20 | 0 | 317,534 | (197) |
| | | 6938638 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 05/03/18 | 12/31/20 | 0 | 1,275,964 | 9,043 |
| | | 6938639 | C | P069201 | HR0011-15-C-0084 | Lu /Timothy K | 05/03/18 | 05/02/20 | 0 | 75,652 | 0 |
| | | 6938692 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 0 | 396,290 | (713,087) |
| | | 6938693 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 9,248,500 | 40,057,112 | 5,438,360 |
| | | 6938997 | C | P060600 | HR0011-18-3-0006 | Chandrakasan /Anantha P | 05/29/18 | 04/30/22 | 72,858 | 399,992 | (0) |
| | | 6939148 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/20 | 0 | 419,539 | 0 |
| | | 6940089 | C | P067952 | HR0011-19-9-0021 | Demaine /Erik D | 12/14/18 | 06/30/20 | 62,725 | 642,258 | (0) |
| | | 6941123 | C | P067952 | HR00111990057 | Katz /Boris | 06/25/19 | 06/25/21 | (3,339) | 1,000,000 | 0 |
| | | 6941314 | C | P062000 | HR00111920025 | Jensen /Klavs F | 07/25/19 | 07/31/23 | 904,400 | 3,689,737 | 1,265,287 |
| | | 6941477 | C | P062000 | HR00111920025 | Green /William H | 07/25/19 | 07/31/23 | 272,470 | 671,612 | 87,015 |
| | | 6941478 | C | P067952 | HR00111920025 | Barzilay /Regina | 07/25/19 | 07/31/23 | 303,334 | 662,501 | 102,488 |
| | | 6941479 | C | P067952 | HR00111920025 | Jaakkola /Tommi S | 07/25/19 | 07/31/23 | 154,530 | 664,984 | 249,973 |
| | | 6941480 | C | P066000 | HR00111920025 | Gomez-Bombarelli /Rafael | 07/25/19 | 07/31/23 | 149,936 | 666,426 | 216,920 |
| | | 6941537 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/21 | 0 | 0 | (565,274) |
| | | 6941538 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/20 | 0 | 0 | 0 |
| | | 6941539 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/20 | 0 | 0 | (0) |
| | | 6941540 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/21 | 0 | 0 | 0 |
| | | 6941541 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 03/31/21 | 0 | 0 | 0 |
| | | 6941609 | C | P062000 | HR00111920025 | Jensen /Klavs F | 09/01/19 | 07/31/23 | 0 | 25,150 | 6,146 |
| | | 6942306 | C | P067952 | HR00112090016 | Edelman /Alan | 11/25/19 | 05/25/21 | 231,262 | 562,927 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942308 | C | P067952 | HR00112090017 | Amarasinghe /Saman P | 12/02/19 | 06/02/21 | 193,777 | 634,405 | (0) |
| | | 6942687 | C | P067952 | HR001120C0015 | Madry /Aleksander | 01/31/20 | 12/31/22 | (1,147) | 811,587 | 97 |
| | | 6942807 | C | P067952 | HR00112020013 | Rinard /Martin C | 11/06/19 | 02/03/23 | 201,741 | 574,866 | 73,451 |
| | | 6943019 | C | P067952 | HR001120C0015 | Madry /Aleksander | 01/31/20 | 03/31/21 | 0 | 550,916 | 0 |
| | | 6943020 | C | P067952 | HR001120C0015 | Madry /Aleksander | 01/31/20 | 03/31/21 | 0 | 101,741 | 0 |
| | | 6943067 | C | P067952 | HR001120C0015 | Rinard /Martin C | 01/31/20 | 03/31/21 | 0 | 449,702 | 0 |
| | | 6943146 | C | P039020 | HR0112090066 | Gershenfeld /Neil A | 06/15/20 | 03/14/22 | 273,628 | 616,598 | 153,240 |
| | | 6943287 | C | P267500 | HR00112090081 | Soljacic /Marin | 05/12/20 | 05/11/22 | 42,326 | 363,528 | 67,619 |
| | | 6943355 | C | P067952 | HR00112090017 | Ragan-Kelley /Jonathan M | 12/02/19 | 05/31/21 | (37,927) | 324,388 | 0 |
| | | 6943931 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 568,037 | 1,683,415 | 517,248 |
| | | 6943932 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 127,881 | 970,000 | 276,015 |
| | | 6943933 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 227,220 | 1,030,000 | 615,642 |
| | | 6943934 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 5,459 | 85,000 | 251 |
| | | 6943935 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 0 | 30,000 | 30,000 |
| | | 6943936 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 315,130 | 5,221,750 | (109,991) |
| | | 6943937 | C | P060601 | HR0011-18-3-0006 | Shulaker /Max M. | 05/29/18 | 12/20/22 | 275,000 | 1,079,750 | (60,000) |
| | | 6944047 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 02/28/23 | 0 | 25,031 | 25,031 |
| | | 6944130 | C | P067952 | HR001120C0191 | Rinard /Martin C | 10/01/20 | 12/31/22 | 769,691 | 1,340,008 | 180,100 |
| | | 6944152 | C | P069201 | HR0011-15-C-0084 | Belcher /Angela M | 05/03/18 | 03/31/22 | 149,737 | 249,972 | 100,235 |
| | | 6944154 | C | P151031 | HR0011-20-2-0049 | Sinskey /Anthony J | 09/01/20 | 11/30/21 | 31,895 | 118,751 | 0 |
| | | 6944155 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 11/30/21 | 65,099 | 80,574 | 0 |
| | | 6944156 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 11/30/21 | 102,667 | 213,761 | 0 |
| | | 6944157 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 11/30/21 | 57,987 | 119,919 | 0 |
| | | 6944158 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 11/30/21 | 81,170 | 209,845 | 0 |
| | | 6944159 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 09/01/20 | 02/28/23 | 1,168,450 | 1,857,231 | 87,812 |
| | | 6944193 | C | P067952 | FA8750-20-C-0075 | Matusik /Wojciech | 09/23/20 | 09/22/24 | 827,852 | 1,925,377 | 372,899 |
| | | 6944419 | C | P067952 | FA8750-20-C-0075 | Rus /Daniela L | 09/23/20 | 09/22/24 | 232,887 | 456,028 | 1,044 |
| | | 6944476 | C | P065005 | HR0011-21-2-0001/HR0011048983 | Wang /Evelyn | 11/13/20 | 11/12/22 | 1,482,138 | 2,391,152 | 547,893 |
| | | 6944693 | C | P065005 | HR00112110002 | Sapsis /Themistoklis Panagioti | 12/15/20 | 02/15/22 | 61,440 | 99,999 | 253 |
| | | 6944941 | C | P067952 | HR001120C0015 | Madry /Aleksander | 02/16/21 | 12/31/22 | 808,082 | 1,318,862 | 437,137 |
| | | 6945222 | C | P065005 | HR00112190069/HR0011152825 | Lloyd /Seth | 04/09/21 | 10/08/22 | 433,637 | 1,000,000 | 559,147 |
| | | 6945298 | C | P067952 | HR001120C0015 | Rinard /Martin C | 02/16/21 | 08/16/22 | 338,297 | 341,539 | (33,278) |
| | | 6945299 | C | P067952 | HR001120C0015 | Madry /Aleksander | 02/16/21 | 08/16/22 | 325,492 | 397,786 | 72,294 |
| | | 6945300 | C | P067952 | HR001120C0015 | Madry /Aleksander | 02/16/21 | 08/16/22 | 89,759 | 238,667 | 141,879 |
| | | 6945532 | C | P065005 | HR0011-21-2-0001/HR0011048983 | Wang /Evelyn | 06/01/21 | 09/30/21 | 3,995 | 6,032 | 674 |
| | | 6945692 | C | P267200 | HR00112120008 | Medard /Muriel | 06/07/21 | 12/06/22 | 0 | 0 | 0 |
| | | 6945853 | C | P065005 | HR0011-21-2-0001/HR0011048983 | Wang /Evelyn | 02/01/21 | 07/01/22 | 10,675 | 49,438 | 38,763 |
| | | 6945966 | C | P267200 | HR00112120008 | Medard /Muriel | 06/07/21 | 12/06/22 | 0 | 0 | 0 |
| | | 6945967 | C | P267200 | HR00112120008 | Medard /Muriel | 06/07/21 | 12/06/22 | 555,035 | 945,774 | 390,740 |
| | | 6945968 | C | P267200 | HR00112120008 | Medard /Muriel | 06/07/21 | 12/06/22 | 265,335 | 806,630 | 541,295 |
| | | 6946822 | C | P065005 | HR00112290029 / PO# HR001125653 | Sapsis /Themistoklis Panagioti | 12/13/21 | 12/12/22 | 50,649 | 293,125 | 242,476 |
| | | 6946830 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 0 | 0 | 0 |
| | | 6946831 | C | P151031 | HR0011-20-2-0049 | Sinskey /Anthony J | 11/30/21 | 02/28/23 | 64,657 | 162,583 | 97,926 |
| | | 6946832 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 61,726 | 164,234 | 102,509 |
| | | 6946833 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 128,094 | 221,830 | 93,736 |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946834 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 57,837 | 147,738 | 89,901 |
| | | 6946835 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 78,466 | 180,574 | 102,108 |
| | | 6946836 | C | P069201 | HR0011-20-2-0049 | Voigt /Christopher A. | 11/30/21 | 02/28/23 | 345,836 | 2,393,040 | 2,047,204 |
| | | 6946979 | C | P062000 | HR00111920025 | Coley /Connor Wilson | 11/01/21 | 07/31/23 | 30,371 | 154,476 | 124,105 |
| | | 6947236 | C | P067952 | HR001120C0015 | Goldwasser /Shafrira | 02/16/21 | 08/16/22 | 69,119 | 92,030 | 22,911 |
| | | 6947480 | C | P417500 | HR00112290087 | Allanore /Antoine | 05/03/22 | 02/03/23 | 63,132 | 398,937 | 335,805 |
| | | 6947803 | C | P039020 | HR00112210002 | Gershenfeld /Neil A | 06/08/22 | 06/07/23 | 0 | 496,315 | 496,315 |
| | | 6947844 | C | P067952 | HR001120C0191 | Rinard /Martin C | 10/01/22 | 09/24/24 | 0 | 526,912 | 526,912 |
| | | 6947845 | C | P067952 | HR001120C0191 | Rinard /Martin C | 07/01/22 | 09/24/24 | 0 | 136,706 | 136,706 |
| | 002260 Aurora Flight Sciences Corporation | 6942276 | C | P061097 | AMA-19-0015 | Cahoy /Kerri | 09/27/19 | 09/26/21 | 13,791 | 124,148 | (0) |
| | | 6943436 | C | P061090 | AMA-20-0003 | How /Jonathan P | 05/01/20 | 11/01/21 | 50,160 | 141,024 | 0 |
| | | 6943762 | C | P067952 | SUBCONTRACT NO. AMA-20-0005 | Torralba /Antonio | 07/14/20 | 07/13/21 | 9,192 | 140,715 | 0 |
| | | 6944927 | C | P067952 | SUBCONTRACT NO. AMA-21-0001 | Carbin /Michael James | 01/05/21 | 10/04/21 | 28,251 | 83,000 | 27,665 |
| | | 6946644 | C | P067952 | SUBCONTRACT NO. AMA-21-0001 | Carbin /Michael James | 10/29/21 | 07/04/22 | 101,929 | 117,000 | 15,071 |
| | | 6946706 | C | P061090 | AMA-21-0003 | How /Jonathan P | 09/24/21 | 03/28/23 | 28,447 | 60,000 | 31,553 |
| | | 6947719 | C | P061090 | AMA-21-0003 | How /Jonathan P | 03/24/22 | 03/28/23 | 33,938 | 140,000 | 106,062 |
| | 002537 Charles River Analytics | 6942396 | C | P154500 | SC1911601 | Tenenbaum /Joshua B | 11/15/19 | 06/18/21 | (30,912) | 600,000 | (39,517) |
| | | 6945524 | C | P154500 | SC1911601 | Tenenbaum /Joshua B | 05/16/21 | 05/16/22 | 406,162 | 400,000 | (6,162) |
| | | 6947639 | C | P154500 | SC1911601 | Tenenbaum /Joshua B | 05/17/22 | 05/17/23 | 0 | 66,666 | 66,666 |
| | 003904 BAE Systems Info & Electronic Systems Integration, Inc | 6937008 | C | P067952 | 964193 | Balakrishnan /Hari | 04/19/17 | 04/17/21 | 0 | 816,268 | (845) |
| | | 6944962 | C | P067952 | 964193 | Balakrishnan /Hari | 01/04/21 | 04/17/21 | 0 | 52,385 | 6,010 |
| | 004367 Sri International | 6944475 | C | P061097 | 49823 | Fan /Chuchu | 08/19/20 | 09/30/21 | 25,518 | 120,330 | 0 |
| | | 6945179 | C | P067952 | SUBCONTRACT PO55019 | Sanchez Martin /Daniel | 03/08/21 | 07/31/22 | 480,310 | 600,000 | 98,525 |
| | 004513 Scientific Systems Company, Incorporated | 6941339 | C | P061096 | SC-1656-01 | Shah /Julie A | 07/17/19 | 03/01/22 | 34,726 | 236,706 | 0 |
| | | 6942142 | C | P061090 | SUBCONTRACT # SC-1674-001 | How /Jonathan P | 09/13/19 | 07/17/21 | 4,997 | 321,695 | (0) |
| | 005274 Boston Universi | 6942484 | C | P400600 | 4500003251 | Poggio /Tomaso A | 09/17/19 | 03/16/21 | (155) | 366,718 | 0 |
| | 005423 Carnegie-Mellor | 6947554 | C | P066000 | 1190068-455963 | Chiang /Yet-Ming | 12/21/21 | 03/20/26 | 25,317 | 171,065 | 145,748 |
| | 005508 Columbia University | 6943003 | C | P065005 | SUB# 5(GG015670) / PO# SAPOG144 | Zhao /Xuanhe | 02/21/20 | 09/20/22 | 341,115 | 700,000 | (44,384) |
| | | 6943120 | C | P065004 | G14463 | Boyden /Edward | 02/21/20 | 09/20/22 | 246,213 | 500,000 | (10,006) |
| | 005658 Smart Informatic | 6939369 | C | P067952 | CPS-MIT-01 | Williams /Brian C | 06/06/18 | 09/07/20 | (23,652) | 347,434 | 0 |
| | 005678 Draper Laboratory Incorporated | 6938840 | C | P067952 | SC-001-1190 | Shrobe /Howard E | 12/01/17 | 05/31/19 | (1,084) | 263,774 | 0 |
| | | 6940529 | C | P067952 | SC-001-1190 | Shrobe /Howard E | 03/20/19 | 05/31/20 | 81,829 | 180,317 | 0 |
| | 005980 Aptima, Inc. | 6937326 | C | P067952 | SUBCONTRACT NUMBER 1197-2015 | Shah /Julie A | 08/18/17 | 07/25/21 | (125) | 207,259 | (0) |
| | 005997 BBN Technologies Corporation | 6943746 | C | P067952 | PO# 4202290027 BBN REF# 90144 | Ghobadi /Manya | 06/11/20 | 09/30/22 | 0 | 0 | 0 |
| | | 6943761 | C | P067952 | PO# 4202290027 BBN REF# 90144 | Ghobadi /Manya | 06/11/20 | 09/30/22 | 157,347 | 393,036 | 68,999 |
| | | 6944299 | C | P067952 | PO# 4202290027 BBN REF# 90144 | Alizadeh Attar /Mohammadreza | 06/11/20 | 09/30/22 | 158,364 | 365,386 | 65,703 |
| | | 6944391 | C | P067952 | PO# 4202290027 BBN REF# 90144 | Belay /Adam M | 06/11/20 | 09/30/22 | 171,493 | 337,828 | 77,658 |
| | | 6947758 | C | P067952 | PO# 4202290027 BBN REF# 90144 | Ghobadi /Manya | 06/11/20 | 09/30/22 | 7,439 | 226,038 | 218,599 |
| | 006112 Harvard Medica School | 6942328 | C | P062000 | 152318.5112612.0006 | Jensen /Klavs F | 09/01/19 | 08/31/21 | 22,807 | 258,678 | 0 |
| | | 6942560 | C | P067952 | 152318.5112612.0006 | Barzilay /Regina | 09/01/19 | 08/31/21 | 159,267 | 317,349 | (0) |
| | | 6942710 | C | P067952 | 152318.5112612.0006 | Jaakkola /Tommi S | 09/01/19 | 08/31/21 | 0 | 20,154 | 0 |
| | | 6946184 | C | P062000 | 152318.5112612.0014 | Jensen /Klavs F | 07/15/21 | 07/14/23 | 94,439 | 102,614 | 8,175 |
| | | 6946377 | C | P062000 | 152318.5112612.0014 | Jaakkola /Tommi S | 07/15/21 | 07/14/23 | 0 | 20,850 | 20,850 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946378 | C | P067952 | 152318.5112612.0014 | Barzilay /Regina | 07/15/21 | 07/14/23 | 10,931 | 20,850 | 9,919 |
| | 006120 Harvard University | 6939734 | C | P061901 | 167982.0001 | Collins /James J. | 09/29/17 | 09/28/21 | 2,697 | 18,632 | 0 |
| | | 6946638 | C | P066000 | 124354 | Anikeeva /Polina Olegovna | 09/01/21 | 03/31/22 | 30,484 | 30,484 | 0 |
| | 007150 Princeton Unive | 6940192 | C | P267500 | SUB0000294 | Hu /Qing | 12/07/18 | 11/25/22 | 133,849 | 883,863 | 61,860 |
| | 007255 Rice University | 6942813 | C | P267500 | SUBCONTRACT NO. R1A26B | Anikeeva /Polina Olegovna | 08/01/19 | 03/31/21 | 0 | 76,272 | 450 |
| | | 6944794 | C | P267500 | R1A26H | Anikeeva /Polina Olegovna | 11/09/20 | 10/31/21 | 47,526 | 53,558 | (140) |
| | 007380 Stanford University | 6944098 | C | P069201 | MULTIPLE | Voigt /Christopher A. | 07/13/20 | 07/13/23 | (612) | 0 | 13 |
| | | 6944523 | C | P069201 | 62458415-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 0 | 0 | 0 |
| | | 6944524 | C | P069201 | 62459359-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | (12,271) | 82,538 | 0 |
| | | 6944525 | C | P069201 | 62459360-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | (11,161) | 82,545 | 0 |
| | | 6944526 | C | P069201 | 62459355-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 6,723 | 82,545 | (0) |
| | | 6944527 | C | P069201 | 62459358-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | (83,568) | 99,989 | (0) |
| | | 6944528 | C | P069201 | 62459356-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 9,177 | 74,527 | (0) |
| | | 6945667 | C | P069201 | 62459359-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 98,195 | 98,195 | 0 |
| | | 6945686 | C | P069201 | 62459360-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 100,392 | 100,392 | (0) |
| | | 6945687 | C | P069201 | 62459355-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 100,520 | 100,520 | 0 |
| | | 6945688 | C | P069201 | 62459358-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 118,525 | 118,525 | 0 |
| | | 6945689 | C | P069201 | 62459356-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 107,140 | 107,140 | (0) |
| | | 6945722 | C | P069201 | 62458415-155611 | Voigt /Christopher A. | 07/13/20 | 01/12/22 | 0 | 0 | 0 |
| | | 6946965 | C | P069201 | 62781405-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 101,200 | 75,000 | (26,200) |
| | | 6946966 | C | P069201 | 62781407-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 54,715 | 75,000 | 20,285 |
| | | 6946967 | C | P069201 | 62780871-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 36,520 | 75,000 | 38,480 |
| | | 6946968 | C | P069201 | SUBAWARD NO. 62780872-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 99,315 | 75,000 | (24,315) |
| | | 6946969 | C | P069201 | 62781409-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 52,207 | 75,000 | 22,793 |
| | | 6946970 | C | P069201 | 62781408-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 32,667 | 75,000 | 42,333 |
| | | 6946971 | C | P069201 | 62781406-155611 | Voigt /Christopher A. | 01/13/22 | 07/13/23 | 3,250 | 4,735 | 1,485 |
| | 007534 University of Ca | 6943076 | C | P067952 | SUB 131169460 PO S9002582 | Clark /David D | 02/27/20 | 08/26/21 | 31,755 | 221,217 | (0) |
| | 007598 University of Tennessee | 6939789 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 09/30/22 | 0 | 0 | 0 |
| | | 6939883 | C | P069200 | 9500074403 | Belcher /Angela M | 09/28/18 | 04/15/19 | 0 | 54,565 | (0) |
| | | 6939884 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 04/15/19 | 0 | 40,977 | 0 |
| | | 6939885 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 04/15/19 | 0 | 19,960 | 0 |
| | | 6939886 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 04/15/19 | 0 | 70,176 | (0) |
| | | 6939887 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 04/15/19 | 0 | 22,977 | (0) |
| | | 6939888 | C | P069201 | 9500074403 | Voigt /Christopher A. | 09/28/18 | 04/15/19 | 0 | 6,505 | 0 |
| | | 6940664 | C | P069201 | 9500074403 | Voigt /Christopher A. | 03/26/19 | 09/30/20 | 0 | 973 | 0 |
| | | 6940665 | C | P069200 | 9500074403 | Belcher /Angela M | 03/26/19 | 09/30/20 | 0 | 171,717 | (0) |
| | | 6940666 | C | P069201 | 9500074403 | Voigt /Christopher A. | 03/26/19 | 09/30/20 | 0 | 259,670 | 0 |
| | | 6940667 | C | P069201 | 9500074403 | Voigt /Christopher A. | 03/26/19 | 09/30/20 | 0 | 193,436 | (0) |
| | | 6940668 | C | P069201 | 9500074403 | Voigt /Christopher A. | 03/26/19 | 09/30/20 | 0 | 7,519 | 0 |
| | | 6944281 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | 0 | 0 | 0 |
| | | 6944283 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | 141,049 | 256,106 | 15,008 |
| | | 6944284 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | 9,316 | 120,339 | 18,662 |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944285 | C | P069200 | 9500074403 | Belcher /Angela M | 10/01/20 | 09/30/22 | 101,855 | 70,092 | (37,723) |
| | | 6944286 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | (12,535) | 145,327 | 27,062 |
| | | 6944288 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | (12,540) | 52,052 | (38,922) |
| | | 6944289 | C | P069200 | 9500074403 | Belcher /Angela M | 10/01/20 | 09/30/22 | 5,519 | 51,917 | 46,398 |
| | | 6944290 | C | P069201 | 9500074403 | Voigt /Christopher A. | 10/01/20 | 09/30/22 | 7,333 | 11,210 | 3,877 |
| | 007614 University of Uta | 6935759 | C | P061093 | 10043182-MIT | Haimes /Robert | 01/01/17 | 12/31/21 | (6) | 274,591 | 0 |
| | | 6935768 | C | P061093 | 10043028-MIT | Haimes /Robert | 01/01/17 | 12/31/21 | 67,347 | 797,078 | 0 |
| | 007637 University of Te | 6945808 | C | P065004 | UTA20-001165 | Boriskina /Svetlana V | 11/13/20 | 01/15/22 | 180,427 | 180,427 | 0 |
| | 007639 University of Washington | 6946930 | C | P417500 | UWSC13445 | Hu /Juejun | 11/05/21 | 11/04/22 | 132,061 | 80,675 | (51,386) |
| | 007640 University of Vir | 6938713 | C | P066000 | GG12078.PO #2182122 | Beach /Geoffrey Stephen | 11/03/17 | 09/11/22 | 19,937 | 525,000 | (1,545) |
| | 007641 University of Michigan | 6938346 | C | P067952 | 3004811123 | Amarasinghe /Saman P | 01/01/18 | 12/31/22 | 339,723 | 2,797,364 | 347,525 |
| | | 6939785 | C | P067952 | 3005210117 | Shun /Julian | 07/01/18 | 12/31/21 | (5,941) | 233,943 | (0) |
| | | 6946223 | C | P067952 | 3004811123 | Ragan-Kelley /Jonathan M | 01/01/18 | 12/31/22 | 207,283 | 191,763 | (15,520) |
| | 007676 University of California - Berkeley | 6943071 | C | P067952 | 10333 | Agrawal /Pulkit | 09/19/19 | 09/08/22 | 279,679 | 769,781 | (81,364) |
| | | 6943414 | C | P067952 | SUB 00010360 PO #BB01389825 | Vaikuntanathan /Vinod | 04/13/20 | 04/12/23 | 480,025 | 946,930 | 204,280 |
| | | 6946709 | C | P067952 | 10333 | Agrawal /Pulkit | 10/20/21 | 09/08/22 | 7,621 | 10,219 | 2,598 |
| | 010085 The Broad Institute, Inc. | 6945020 | C | P400600 | 5000856-5500001517 | Gootenberg /Jonathan S | 07/01/20 | 06/28/21 | 62,332 | 512,070 | (0) |
| | | 6946915 | C | P152000 | 5001153-5500001656 | Kiessling /Laura L | 05/02/21 | 07/31/22 | 406,563 | 750,660 | 344,097 |
| | | 6946937 | C | P152000 | 5001153-5500001656 | Raines /Ronald T | 05/02/21 | 07/31/22 | 162,179 | 281,547 | 119,368 |
| | 010207 NVIDIA Corporation | 6938939 | C | P067952 | PO 56090640 | Amarasinghe /Saman P | 06/01/18 | 09/30/22 | 529,255 | 2,019,407 | 24,813 |
| | | 6939240 | C | P067952 | PO 56090640 | Sanchez Martin /Daniel | 06/01/18 | 03/31/21 | (12) | 716,354 | (0) |
| | | 6939241 | C | P267110 | PO 56090640 | Sze /Vivienne | 06/01/18 | 03/31/21 | (3) | 411,813 | 0 |
| | 010852 Raytheon BBN Technologies Corp. | 6938139 | C | P067952 | LBN9513645 | Torralba /Antonio | 11/03/17 | 05/31/21 | (3,201) | 600,000 | 0 |
| | | 6942346 | C | P067952 | PO# 4202187793 BBN REF#90113 | Torralba /Antonio | 11/25/19 | 06/28/21 | (1,165) | 291,957 | (0) |
| | | 6945522 | C | P067952 | PO# 4202187793 BBN REF#90113 | Torralba /Antonio | 05/20/21 | 06/30/22 | 166,393 | 193,170 | 26,777 |
| | 010903 Dynamic Object Language Labs, Inc. | 6942303 | C | P067952 | SUB UNDER HR0011-20-C-0035 | Katz /Boris | 11/01/19 | 04/30/22 | (20,807) | 499,444 | 720 |
| | | 6942825 | C | P067952 | SUB UNDER HR0011-20-C-0035 | Williams /Brian C | 11/01/19 | 01/31/21 | 0 | 129,142 | 0 |
| | | 6944821 | C | P067952 | SUB UNDER HR0011-20-C-0035 | Katz /Boris | 02/01/21 | 07/31/22 | 341,872 | 483,920 | 35,177 |
| | 010948 GE Global Research | 6942365 | C | P069201 | PO 401134429 | Alm /Eric J | 11/01/19 | 03/31/22 | 29,360 | 29,360 | 0 |
| | 011147 SYSTEMS & TE | 6941663 | C | P068700 | 2019-0013 | Broderick /Tamara A | 08/14/19 | 08/08/22 | 137,929 | 530,000 | 31,781 |
| | 011382 IBM Thomas J. Watson Research Cente | 6942927 | C | P154500 | CW3013540\PO4700205308 | Tenenbaum /Joshua B | 09/11/19 | 02/29/24 | 1,509,097 | 4,440,557 | 233,091 |
| | | 6943356 | C | P154500 | CW3031624 / PO# 4700229565 | Tenenbaum /Joshua B | 06/01/20 | 04/30/21 | (46,695) | 383,952 | (669) |
| | | 6945836 | C | P154500 | CW3031624 / PO# 4700346953 | Tenenbaum /Joshua B | 05/01/21 | 05/28/23 | 292,226 | 300,000 | 7,774 |
| | 011498 Teledyne FLIR, LLC | 6945445 | C | P062000 | PO# 1310121015/AGRMT EFFECTIVE | Olsen /Bradley D. | 05/17/21 | 06/18/21 | (682) | 50,053 | (0) |
| | | 6945506 | C | P152000 | PO# 1310121015/AGRMT EFFECTIVE | Swager /Timothy M | 05/17/21 | 01/25/23 | 297,593 | 325,000 | 8,206 |
| | 011712 Aarno Labs LLC | 6939022 | C | P067952 | SUB UNDER HR001118C0059 | Rinard /Martin C | 04/01/18 | 03/31/22 | 233,653 | 1,470,000 | 0 |
| | | 6943914 | C | P067952 | 2020-MIT-AMP-01 | Rinard /Martin C | 07/06/20 | 06/30/22 | 497,537 | 1,070,000 | (499) |
| | | 6947761 | C | P067952 | 2020-MIT-AMP-01 | Rinard /Martin C | 07/01/22 | 06/30/23 | 0 | 100,000 | 100,000 |
| | 011882 BAE Systems | 6942890 | C | P067952 | 1056208 | Fisher /John W | 10/14/19 | 09/30/22 | 412,510 | 1,300,000 | 187,301 |
| | 102105 Ecovative Design LLC | 6939026 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 06/15/18 | 12/15/19 | 0 | 369,283 | 217,350 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Design LLC | 6939027 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 06/15/18 | 12/15/19 | 0 | 369,054 | 141,878 |
| | | 6939028 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 12/15/19 | 11/07/21 | 0 | 227,747 | (7) |
| | | 6939029 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 12/15/19 | 11/07/21 | 487 | 229,884 | 2,096 |
| | | 6939030 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 06/15/17 | 11/07/21 | 73,109 | 594,224 | 154,205 |
| | | 6939031 | C | P069201 | AGT DATED 6/30/18 | Voigt /Christopher A. | 06/15/18 | 11/07/21 | 124,956 | 589,474 | 123,495 |
| | 102237 Wyss Institute | 6944907 | C | P061901 | 167982.0001 | Collins /James J. | 01/16/21 | 08/31/21 | 11,250 | 40,678 | 0 |
| | | 6945015 | C | P061901 | 167982.0001 | Collins /James J. | 03/01/21 | 09/30/21 | 14,289 | 37,788 | 0 |
| | | 6945151 | C | P061901 | 167982.0001 | Collins /James J. | 03/01/21 | 09/30/21 | 13,503 | 36,134 | 0 |
| | | 6945640 | C | P061901 | 167982.0001 | Collins /James J. | 07/01/21 | 09/30/21 | 7,308 | 7,308 | (0) |
| | | 6947020 | C | P061901 | 168049 | Collins /James J. | 09/29/21 | 09/28/22 | 4,882 | 4,808 | (75) |
| | | 6947021 | C | P061901 | 168007.0002 | Collins /James J. | 01/01/22 | 05/31/22 | 33,821 | 33,821 | 0 |
| | | 6947023 | C | P061901 | 168007.0002 | Collins /James J. | 01/01/22 | 05/15/22 | 29,144 | 29,086 | (58) |
| | | 6947451 | C | P061901 | 168007.0002 | Collins /James J. | 06/01/21 | 05/31/22 | 4,725 | 4,725 | (0) |
| | 105087 Emulate, Inc | 6943506 | C | P069201 | SUB# HR0011-20-2-0005/PO# HR001 | Weiss /Ron | 12/30/19 | 04/30/21 | (1) | 135,000 | (0) |
| | 105169 Perspecta Labs Inc. | 6939719 | C | P067952 | PO-0016764 PRIME HR001117S0035 | Shrobe /Howard E | 07/05/18 | 06/02/22 | 95,631 | 570,000 | 36,277 |
| | | 6939771 | C | P067900 | PO-0016764 PRIME HR001117S0035 | O'Reilly /Una-May | 07/05/18 | 06/02/22 | 135,244 | 500,000 | (37,432) |
| | | 6943405 | C | P067952 | PO-0020033 | O'Reilly /Una-May | 05/08/20 | 11/07/21 | 52,773 | 242,607 | (0) |
| | | 6944048 | C | P067952 | PO-0022190 | O'Reilly /Una-May | 09/01/20 | 03/31/22 | (12,736) | 100,000 | 2,141 |
| | | 6944951 | C | P067952 | PO-0022190 | O'Reilly /Una-May | 03/01/21 | 03/31/22 | 281,049 | 312,678 | (3,450) |
| | 106351 Haverford College | 6942287 | C | P267110 | SUBK DTD. 12/15/2019 | Buonassisi /Anthony | 12/01/19 | 03/31/23 | 240,792 | 899,507 | 129,403 |
| | | 6944416 | C | P267110 | SUBK DTD. 12/15/2019 | Buonassisi /Anthony | 11/01/20 | 01/31/21 | 0 | 10,226 | 0 |
| | 106380 GrammaTech, I | 6943304 | C | P067952 | GT S20-04 | Solar Lezama /Armando | 05/08/20 | 08/31/21 | 37,796 | 412,504 | 0 |
| | 106658 Applied Physica | 6944371 | C | P065004 | APS-20-16 | Benjamin /Michael R | 09/10/20 | 03/09/22 | 31,027 | 48,943 | 0 |
| | 109135 Federal Foundry | 6947842 | C | P401823 | AGRMT DTD. 2/14/2022 | Murray /Fiona E | 09/01/21 | 08/31/22 | 37,668 | 110,651 | 72,982 |
| | **Total by Primary Sponsor** | | | | | | | | **34,754,759** | **161,268,055** | **18,988,788** |
| 000162 Department of Homeland Security | 005997 BBN Technologies | 6934589 | C | P067952 | PO #9500013207 | Kagal /Lalana S | 04/22/16 | 03/31/18 | 0 | 135,530 | 0 |
| | | 6936527 | C | P067952 | PO #9500013207 | Kagal /Lalana S | 04/22/16 | 05/02/18 | 0 | 123,999 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **259,529** | **0** |
| 000163 Defense Threat Reduction Agency | 000163 Defense Threat Reduction Agency | 6945178 | C | P067952 | HDTRA12110013 | Barzilay /Regina | 02/26/21 | 02/25/23 | 435,582 | 1,050,000 | 540,113 |
| | | 6945620 | C | P067952 | HDTRA12110013 | Jaakkola /Tommi S | 02/26/21 | 02/25/23 | 179,944 | 350,000 | 170,056 |
| | 005919 George Mason University | 6939518 | C | P267600 | E2045481 | Lu /Timothy K | 07/12/18 | 01/11/20 | (17,644) | 150,000 | (0) |
| | | 6943499 | C | P267600 | SUBAWARD NO. E2050661 | Lu /Timothy K | 01/01/20 | 08/31/21 | (37,093) | 110,056 | 0 |
| | 007070 Pennsylvania State University | 6943788 | C | P068000 | SA21-03 | Li /Ju | 07/01/20 | 02/28/23 | 0 | 0 | 0 |
| | | 6943905 | C | P068000 | SA21-03 | Danagoulian /Areg | 07/01/20 | 02/28/23 | 182,281 | 459,855 | 184,592 |
| | | 6943906 | C | P068000 | SA21-03 | Li /Ju | 07/01/20 | 02/28/23 | 214,979 | 501,969 | 202,888 |
| | | 6943907 | C | P267500 | SA21-03 | Fink /Yoel | 07/01/20 | 02/28/23 | 148,341 | 253,235 | (1,627) |
| | | 6943908 | C | P068000 | SA21-03 | Lanza /Richard C | 07/01/20 | 06/30/22 | 12,675 | 18,150 | (6,697) |
| | | 6943909 | C | P068000 | SA21-03 | Li /Ju | 07/01/20 | 06/30/22 | 3,904 | 90,792 | 47,008 |
| | 007676 University of Ca | 6940831 | C | P066000 | SUBAGREEMENT NO. 00010066 | Alexander-Katz /Alfredo | 02/07/19 | 02/06/22 | 90,247 | 591,686 | 9,653 |
| | 007783 West Virginia Ui | 6945386 | C | P067952 | PO#: MM000351862 | Barzilay /Regina | 01/11/21 | 01/10/23 | 26,235 | 200,000 | 173,765 |
| | 011409 ATCC Global | 6947162 | C | P267600 | 2021-HOSTBASED-10003-02 | Lu /Timothy K | 10/12/21 | 10/11/23 | 113,179 | 100,000 | (13,179) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **1,352,629** | **3,875,742** | **1,306,571** |
| 000164 Strategic Environmental Research and Development Program | 000164 Strategic Enviro | 6943632 | C | P069201 | W912HQ20C0015 | Gordon /David B | 05/26/20 | 07/15/23 | 198,567 | 571,707 | 152,117 |
| | **Total by Primary Sponsor** | | | | | | | | **198,567** | **571,707** | **152,117** |
| 000171 Army Contracting Command - Redstone | 009001 Lincoln Laborat | 6944442 | C | P061093 | PO# 7000493366 | Leveson /Nancy G | 07/01/20 | 06/30/21 | 0 | 273,341 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **273,341** | **0** |
| 000173 U.S. Military Academy, West Point | 000173 U.S. Military Academy, West Point | 6945864 | C | P065004 | W911NF2120206 | Benjamin /Michael R | 07/29/21 | 07/28/24 | 171,963 | 168,000 | (3,963) |
| | | 6947085 | C | P065004 | W911NF2120206 | Benjamin /Michael R | 02/28/22 | 07/28/24 | 10,324 | 12,000 | 1,676 |
| | **Total by Primary Sponsor** | | | | | | | | **182,287** | **180,000** | **(2,287)** |
| 000178 United States Army Medical Research Acquisition Activity | 000178 United States Army Medical Research Acquisition Activity | 6938766 | C | P062000 | W81XWH-18-2-0010 | Olsen /Bradley D. | 06/01/18 | 12/31/22 | 194,698 | 540,584 | (10,644) |
| | | 6939235 | C | P151002 | W81XWH1810515 | Schwartz /Thomas | 08/15/18 | 08/14/22 | 364,666 | 1,466,431 | (42,694) |
| | | 6939722 | C | P062000 | W81XWH-18-2-0010 | Olsen /Bradley D. | 06/01/18 | 12/31/22 | 276,937 | 768,049 | 277,667 |
| | | 6940689 | C | P151002 | W81XWH1810515 | Schwartz /Thomas | 04/25/19 | 08/31/19 | 0 | 19,231 | 0 |
| | | 6940724 | C | P039070 | W81XWH-19-1-0151 | Herr /Hugh M | 04/15/19 | 04/14/22 | 515,203 | 3,564,859 | 819,250 |
| | | 6941134 | C | P402000 | W81XWH-19-1-0257 | Boehnke /Natalie | 07/01/19 | 06/30/21 | 21,855 | 155,000 | 0 |
| | | 6941605 | C | P267600 | W81XWH1910555 | Lu /Timothy K | 08/01/19 | 07/31/21 | (3,417) | 145,653 | (0) |
| | | 6943427 | C | P062000 | W81XWH2010481 | Hammond /Paula T | 07/01/20 | 06/30/23 | 173,126 | 1,807,200 | 1,562,215 |
| | | 6943608 | C | P066000 | W81XWH2010365 | Van Vliet /Krystyn J | 09/01/20 | 08/31/22 | 110,277 | 215,780 | 57,148 |
| | | 6943622 | C | P402000 | W81XWH2010661 | Yilmaz /Omer | 08/01/20 | 07/31/22 | 221,543 | 450,600 | 27,446 |
| | | 6944180 | C | P402000 | W81XWH2010661 | Bhatia /Sangeeta N | 08/01/20 | 07/31/22 | 96,631 | 151,800 | 6,299 |
| | | 6944560 | C | P039070 | W81XWH-19-1-0151 | Herr /Hugh M | 04/15/19 | 04/14/22 | 65,346 | 139,259 | 40,805 |
| | | 6944796 | C | P267600 | W81XWH2110089 | Chen /Chien Wen | 02/01/21 | 07/15/21 | 4,713 | 32,768 | 0 |
| | | 6945076 | C | P062000 | W81XWH2110235 | Hammond /Paula T | 04/01/21 | 03/31/23 | 63,764 | 254,275 | 152,792 |
| | | 6945133 | C | P069201 | W81XWH-21-1-0245 | Fraenkel /Ernest | 04/01/21 | 03/31/23 | 268,187 | 327,000 | 58,813 |
| | | 6945153 | C | P069201 | W81XWH-21-1-0245 | Fraenkel /Ernest | 04/01/21 | 03/31/23 | 0 | 84,137 | 84,137 |
| | | 6945200 | C | P402000 | W81XWH2110283 | Li /Hojun | 06/01/21 | 05/31/23 | 302,807 | 619,846 | 314,195 |
| | | 6945457 | C | P062000 | W81XWH2110235 | Hammond /Paula T | 04/01/21 | 03/31/23 | 0 | 48,850 | 48,850 |
| | | 6945621 | C | P065005 | W81XWH2110439 | Zhao /Xuanhe | 07/01/21 | 06/30/25 | 139,300 | 1,551,000 | 1,411,700 |
| | | 6945811 | C | P267600 | W81XWH2110626 | Lu /Timothy K | 07/15/21 | 07/14/24 | 221,982 | 747,221 | 525,239 |
| | | 6945992 | C | P418103 | W81XWH2110699 | Lamason /Rebecca | 07/02/21 | 09/29/24 | 226,803 | 881,491 | 654,688 |
| | | 6946195 | C | P402000 | W81XWH2110934 | Boehm /Jesse Samuel | 09/30/21 | 09/29/24 | 290,478 | 775,649 | 485,170 |
| | | 6947117 | C | P402000 | W81XWH2110934 | Boehm /Jesse Samuel | 09/30/21 | 09/29/24 | 5,259 | 113,675 | 108,416 |
| | | 6947490 | C | P402000 | W81XWH2210300 | Birnbaum /Michael E | 07/01/22 | 06/30/25 | 0 | 1,761,671 | 1,761,671 |
| | 005260 Beth Israel Deaconess Medical Center | 6936075 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/16 | 09/29/21 | 0 | 0 | 0 |
| | | 6936076 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/16 | 09/29/17 | 0 | 143,682 | 0 |
| | | 6940238 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/18 | 09/29/19 | 0 | 231,091 | (0) |
| | | 6942454 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/19 | 09/29/20 | (39,771) | 249,696 | 39,771 |
| | | 6944889 | C | P402000 | 01029123 | Yaffe /Michael B | 09/30/16 | 09/29/21 | 24,624 | 239,491 | 112,979 |
| | 005321 Brigham & Women's Hospital | 6940336 | C | P039070 | SUBAWARD 117951 | Herr /Hugh M | 09/15/17 | 09/14/22 | 26,383 | 348,933 | 52,765 |
| | | 6940338 | C | P039070 | SUBAWARD 119948 | Herr /Hugh M | 09/30/18 | 09/29/22 | 51,528 | 882,986 | 318,879 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943084 | C | P039070 | 122096 | Herr /Hugh M | 09/30/19 | 09/29/22 | 256,558 | 1,062,852 | 690,251 |
| | | 6944546 | C | P039070 | 122096 | Herr /Hugh M | 11/01/20 | 09/29/23 | 37,191 | 81,837 | 17,736 |
| | 007674 University of Massachusetts - Amherst | 6946935 | C | P159300 | PO# WA01197445/SUB00000116 | Heiman /Myriam | 07/01/21 | 04/30/22 | 0 | 0 | 0 |
| | | 6946982 | C | P159300 | PO# WA01197445/SUB00000116 | Heiman /Myriam | 07/01/21 | 04/30/22 | 15,907 | 16,188 | 281 |
| | **Total by Primary Sponsor** | | | | | | | | **3,932,579** | **19,878,784** | **9,575,824** |
| 000182 United States Army Research Laboratory | 000182 United States Army Research Laboratory | 6940151 | C | P267200 | W911NF1920065 | Shao-Horn /Yang | 01/23/19 | 01/22/22 | 9,989 | 233,175 | (0) |
| | | 6940626 | C | P039020 | W911NF1920117 | Gershenfeld /Neil A | 03/29/19 | 03/28/22 | 55,282 | 474,406 | 0 |
| | | 6941121 | C | P061093 | W911NF1920124 | Leveson /Nancy G | 05/02/19 | 05/01/22 | 285,177 | 601,000 | 66 |
| | | 6945685 | C | P067952 | W911NF2120150 | Roy /Nicholas | 06/15/21 | 12/31/22 | 125,555 | 161,417 | 35,862 |
| | | 6945831 | C | P267111 | W911NF2120099 | Englund /Dirk R. | 07/16/21 | 07/15/23 | 101,867 | 210,000 | 108,133 |
| | | 6946391 | C | P061090 | W911NF2120150 | How /Jonathan P | 06/15/21 | 12/31/22 | 151,292 | 150,973 | (319) |
| | 005423 Carnegie-Mellon University | 6943335 | C | P061096 | 1130252-431282 | Shah /Julie A | 05/06/19 | 01/31/23 | 58,427 | 299,587 | 129,795 |
| | | 6945392 | C | P067952 | SUBCONTRACT NO. 1130233-442111 | Torralba /Antonio | 10/01/20 | 03/31/23 | 282,357 | 474,480 | 192,123 |
| | 007614 University of Uta | 6939676 | C | P061093 | 10048163-MIT / PO# U000165214 | Haimes /Robert | 07/31/18 | 12/31/21 | 4,388 | 93,774 | 0 |
| | 007630 University of Pennsylvania | 6937915 | C | P061096 | 572622 PO #3976257 | Roy /Nicholas | 09/01/17 | 12/30/22 | 0 | 0 | 0 |
| | | 6939085 | C | P061096 | 572622 | Roy /Nicholas | 09/01/17 | 08/31/22 | 2,066 | 54,250 | 684 |
| | | 6939086 | C | P067952 | 572622 | Roy /Nicholas | 09/01/17 | 08/31/22 | 313,656 | 1,633,110 | 224,368 |
| | | 6939087 | C | P061090 | 572622 | How /Jonathan P | 09/01/17 | 08/31/22 | 396,842 | 1,013,003 | 56,526 |
| | | 6939088 | C | P061096 | 572622 | Shah /Julie A | 09/01/17 | 08/31/22 | 206,928 | 726,578 | 20,096 |
| | | 6939089 | C | P061097 | 572622 | Karaman /Sertac | 09/01/17 | 08/31/22 | 222,432 | 951,040 | 48,084 |
| | | 6939090 | C | P061097 | 572622 | Carlone /Luca | 09/01/17 | 08/31/22 | 294,513 | 1,225,168 | 56,211 |
| | **Total by Primary Sponsor** | | | | | | | | **2,510,770** | **8,301,962** | **871,629** |
| 000190 Department of Defense - Miscellaneous | 000190 Department of D | 6943925 | C | P065004 | HQ00342010032 | Del Vecchio /Domitilla | 08/01/20 | 03/03/21 | (843) | 49,996 | (0) |
| | 001134 Ministry of Defense of Israel | 6938047 | C | P267500 | PO 4440884397 | Fink /Yoel | 11/16/18 | 06/30/20 | 0 | 150,000 | (94,910) |
| | | 6941452 | C | P068700 | PO 4440883829 | Karaman /Sertac | 10/01/17 | 01/31/23 | 102,547 | 196,675 | 5,981 |
| | | 6942162 | C | P069201 | PO 4441024394 | Voigt /Christopher A. | 02/01/20 | 06/01/22 | 250,198 | 500,000 | (75,503) |
| | 003870 North American | 6940908 | C | P061901 | PO # 4520230567/W81XWH1810332 | Heldt /Thomas | 08/01/18 | 10/29/22 | 35,428 | 620,386 | 213,187 |
| | 006120 Harvard University | 6943784 | C | P061902 | 124164 | Greenberg /Julie E | 04/15/20 | 05/31/20 | 0 | 9,413 | 0 |
| | | 6943866 | C | P061902 | 124164 | Greenberg /Julie E | 04/15/20 | 05/31/20 | 0 | 6,008 | (0) |
| | | 6944177 | C | P061902 | PO#80000049350/L. WANG/124164 | Greenberg /Julie E | 06/01/20 | 12/31/20 | (22,504) | 35,807 | (0) |
| | | 6946082 | C | P061902 | 124164 | Greenberg /Julie E | 04/15/21 | 05/31/21 | 6,376 | 6,376 | 0 |
| | 105723 Applied Ocean S | 6944020 | C | P065005 | STTR AGREEMENT DTD 09/18/2020 | Lermusiaux /Pierre | 07/28/20 | 07/26/22 | 102,323 | 686,565 | 441,417 |
| | **Total by Primary Sponsor** | | | | | | | | **473,526** | **2,261,226** | **490,173** |
| 000191 DOD - Miscellaneous - Non Pool | 001134 Ministry of Defense of Israel | 6931907 | C | P068700 | PO 4440661300 | Karaman /Sertac | 06/01/15 | 11/30/18 | 11,387 | 359,667 | (0) |
| | | 6942149 | C | P068700 | PO 4441027883 | Karaman /Sertac | 02/01/20 | 01/31/21 | (16) | 100,000 | 0 |
| | | 6943699 | C | P067952 | PO4441091005 | Rus /Daniela L | 07/27/20 | 07/26/22 | 111,018 | 200,000 | 77,484 |
| | | 6944181 | C | P267200 | PO 4441050235 | Oliver /William D | 07/10/20 | 07/31/21 | 26,953 | 120,000 | 0 |
| | | 6944649 | C | P068700 | PO#: 4441098702 | Karaman /Sertac | 02/01/21 | 01/31/23 | 78,006 | 72,000 | (80,761) |
| | | 6946283 | C | P267500 | PO# 4441158191 | Fink /Yoel | 07/01/19 | 12/31/21 | 66,628 | 100,000 | 33,372 |
| | | 6946677 | C | P068700 | PO#: 4441173554 | Modiano /Eytan H | 01/16/22 | 01/15/23 | 21,414 | 120,000 | 98,586 |
| | | 6947211 | C | P267200 | PO 4441192115 | Oliver /William D | 02/01/22 | 01/31/23 | 8,659 | 120,000 | 111,341 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 003157 HRL Laboratories, LLC | 6933521 | C | P267200 | 15026-503667-DS/BCX3.150.MIT000/1 | Orlando /Terry Philip | 01/22/16 | 12/11/17 | 0 | 300,000 | 0 |
| | | 6935707 | C | P267200 | 15026-503667-DS/BFX3.150.MIT000 | Oliver /William D | 12/12/16 | 05/31/18 | 0 | 195,117 | 0 |
| | | 6941115 | C | P267200 | 15026-503667-DS | Oliver /William D | 05/01/19 | 12/31/20 | 0 | 136,272 | 0 |
| | | 6941486 | C | P267200 | 15026-503667-DS | Oliver /William D | 08/01/19 | 12/31/20 | 0 | 63,728 | 0 |
| | | 6942812 | C | P267200 | 15026-503667-DS | Oliver /William D | 02/19/20 | 05/14/21 | (863) | 310,737 | 785 |
| | | 6944969 | C | P267200 | 15026-503667-DS | Oliver /William D | 09/01/20 | 03/31/21 | 0 | 39,263 | 0 |
| | | 6946425 | C | P267200 | 21004-213647-QS | Oliver /William D | 10/07/21 | 10/31/22 | 0 | 0 | 0 |
| | | 6946444 | C | P267200 | 21004-213647-QS | Oliver /William D | 10/07/21 | 10/31/22 | 203,653 | 250,000 | 46,347 |
| | **Total by Primary Sponsor** | | | | | | | | **526,839** | **2,486,784** | **287,154** |
| 000192 DOD-Agency | 003904 BAE Systems Ir | 6946043 | C | P061093 | 1111254 | Hansman /Robert J | 08/16/21 | 05/31/23 | 97,880 | 194,240 | 96,360 |
| | 005423 Carnegie-Mellor | 6945204 | C | P067952 | SUBCONTRACT NO. 1990695-439018 | Shrobe /Howard E | 11/01/20 | 03/15/22 | 544,773 | 629,289 | 5,608 |
| | 007676 University of Ca | 6947056 | C | P066000 | 10933 | Alexander-Katz /Alfredo | 12/13/21 | 12/12/22 | 53,531 | 42,000 | (11,531) |
| | 009001 Lincoln Laborat | 6940202 | C | P061090 | PO#7000442474 | Stirling /Leia A. | 10/01/18 | 08/31/21 | 8,057 | 391,999 | 0 |
| | 102127 Advanced Functional Fabrics of America (AFFOA) | 6938663 | C | P069850 | EXHIBIT 1-A | Tibbits /Skylar | 05/08/18 | 06/30/22 | 0 | 586 | 586 |
| | | 6938682 | C | P069850 | EXHIBIT 1-A | Tibbits /Skylar | 05/08/18 | 12/31/20 | 0 | 917,172 | (0) |
| | | 6938794 | C | P417500 | EXHIBIT 1-A | Hart /Anastasios John | 05/08/18 | 05/07/19 | 0 | 65,742 | (0) |
| | | 6941166 | C | P065009 | TASK ORDER NUMBER: 003 | Boriskina /Svetlana V | 05/01/19 | 12/31/19 | 0 | 29,414 | 0 |
| | | 6944418 | C | P417500 | EXHIBIT 1-A | Rutledge /Gregory C | 10/01/20 | 05/30/22 | 509,852 | 711,995 | (6,890) |
| | | 6944563 | C | P067952 | EXHIBIT 1-A | Mueller /Stefanie | 12/01/20 | 03/31/21 | 0 | 54,805 | (0) |
| | | 6946558 | C | P417500 | EXHIBIT 1-A | Rutledge /Gregory C | 10/01/21 | 06/30/22 | 8,515 | 21,052 | 12,537 |
| | 103529 Advanced Rege | 6941797 | C | P069201 | SUBAWARD NO. T0060 | Weiss /Ron | 10/01/19 | 12/23/21 | 19,672 | 458,924 | 19,854 |
| | **Total by Primary Sponsor** | | | | | | | | **1,242,280** | **3,517,218** | **116,525** |
| 000193 Air Force Research Laboratory - WPAFB | 000193 Air Force Research Laboratory - WPAFB | 6935567 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 04/30/22 | 0 | 1,668 | 1,668 |
| | | 6935572 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 12/29/20 | 0 | 1,046,287 | 0 |
| | | 6935573 | C | P065004 | FA8650-17-C-9113 | Barbastathis /George | 11/29/16 | 06/30/22 | 250,751 | 1,401,802 | 37,691 |
| | | 6935575 | C | P068000 | FA8650-17-C-9113 | Lanza /Richard C | 11/29/16 | 11/22/18 | 0 | 221,421 | 0 |
| | | 6935576 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 11/22/18 | 0 | 2,621 | 0 |
| | | 6935624 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 11/22/18 | 0 | 334,200 | 0 |
| | | 6935625 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 11/22/18 | 0 | 42,255 | (0) |
| | | 6935626 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 11/22/18 | 0 | 426,269 | 0 |
| | | 6937226 | C | P060600 | FA8650-17-C-9113 | Akinwande /Akintunde I | 11/29/16 | 11/22/18 | 0 | 2,159 | 0 |
| | | 6940840 | C | P039020 | FA8650-19-2-7921 | Gershenfeld /Neil A | 05/24/19 | 12/30/22 | 226,993 | 793,781 | 81,598 |
| | | 6943560 | C | P061093 | FA8650-20-2-2002 | Haimes /Robert | 07/13/20 | 07/12/23 | 880,900 | 1,850,000 | 408,071 |
| | | 6945271 | C | P065005 | FA8650-21-2-7120 | Traverso /Carlo Giovanni | 04/23/21 | 04/22/25 | (25,357) | 788,827 | 779,702 |
| | | 6945508 | C | P065005 | FA8650-21-2-7120 | Traverso /Carlo Giovanni | 04/23/21 | 04/22/25 | 2,612,579 | 2,340,726 | (282,187) |
| | | 6945509 | C | P065005 | FA8650-21-2-7120 | Langer /Robert S | 04/23/21 | 04/22/25 | 350,187 | 636,094 | 243,239 |
| | | 6945510 | C | P060600 | FA8650-21-2-7120 | Chandrakasan /Anantha P | 04/23/21 | 04/22/25 | 225,807 | 667,479 | 401,845 |
| | | 6945511 | C | P065005 | FA8650-21-2-7120 | Voigt /Christopher A. | 04/23/21 | 04/22/25 | 269,161 | 639,932 | 365,822 |
| | | 6945512 | C | P065005 | FA8650-21-2-7120 | Traverso /Carlo Giovanni | 04/23/21 | 04/22/25 | 165,342 | 895,717 | 730,375 |
| | | 6947538 | C | P065005 | FA8650-21-2-7120 | Traverso /Carlo Giovanni | 04/23/21 | 01/31/23 | 290,627 | 2,000,000 | 1,709,373 |
| | 007816 Wright Brothers Institute | 6944224 | C | P069201 | WBPO-20-109-MIT | Voigt /Christopher A. | 10/07/20 | 02/28/22 | 66,025 | 200,795 | 0 |
| | | 6944516 | C | P069201 | WBPO-21-018-MIT | Voigt /Christopher A. | 12/01/20 | 11/30/22 | 377,735 | 474,100 | 31,878 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944549 | C | P069201 | WBPO-21-018-MIT | Voigt /Christopher A. | 12/01/20 | 11/30/22 | 292,598 | 525,900 | 1,512 |
| | | 6947011 | C | P069201 | WBSRA-22-008-MIT | Voigt /Christopher A. | 12/10/21 | 12/31/22 | 132,248 | 249,128 | 116,881 |
| | 107096 NextGen Imagir | 6946521 | C | P401823 | | Murray /Fiona E | 07/01/20 | 09/30/20 | 13,859 | 15,000 | 1,141 |
| | 108116 Skyline Nav Al | 6946992 | C | P401823 | AGRMT. DTD. 4/1/2021 | Murray /Fiona E | 04/01/21 | 06/30/21 | 14,114 | 14,114 | (0) |
| | 108134 Tangram Flex, I | 6945387 | C | P067952 | AGMT DTD | Chlipala /Adam | 05/05/21 | 09/30/21 | 14,984 | 15,000 | 16 |
| | 108152 Spectrohm | 6945472 | C | P401823 | AGRMT. DTD. 2/8/2021 | Murray /Fiona E | 02/08/21 | 05/08/21 | (576) | 14,495 | (0) |
| | 108153 Jaxon, Inc. | 6945473 | C | P401823 | AGRMT. DTD. 2/8/2021 | Murray /Fiona E | 03/08/21 | 05/08/21 | 13,463 | 13,463 | 0 |
| | 108176 Via Science, Inc | 6945480 | C | P401823 | AGRMT. DTD. 2/10/2021 | Murray /Fiona E | 02/10/21 | 05/10/21 | (614) | 14,495 | (0) |
| | 108700 Candelytics, Inc | 6947029 | C | P401823 | AGRMT. DTD. 4/1/2021 | Murray /Fiona E | 04/01/21 | 06/30/21 | 0 | 14,495 | 14,495 |
| | 109416 Alexandria Heal | 6947030 | C | P401823 | AGRMT. DTD. 11/4/2021 | Murray /Fiona E | 11/04/21 | 02/04/22 | 13,752 | 14,927 | 1,175 |
| | **Total by Primary Sponsor** | | | | | | | | **6,184,577** | **15,657,150** | **4,644,294** |
| 000200 DOE - Chicago | 000200 DOE - Chicago | 6920624 | C | P069850 | DE-SC0002633 | Chiang /Yet-Ming | 09/15/09 | 07/14/18 | 0 | 1,382,741 | 0 |
| | | 6932731 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | 0 | 6,384 | 0 |
| | | 6933242 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | 148,118 | 8,556,444 | (0) |
| | | 6933243 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | 10,059 | 808,292 | 0 |
| | | 6933244 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | (26) | 22,355 | (0) |
| | | 6933245 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | 222,628 | 10,684,532 | 0 |
| | | 6933246 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/15 | 08/31/21 | 58,317 | 1,425,204 | (0) |
| | | 6933421 | C | P243020 | DE-SC0014264 | Whyte /Dennis G | 09/01/15 | 08/31/21 | 40,273 | 423,119 | 0 |
| | | 6934675 | C | P243020 | DE-SC0016408 | Whyte /Dennis G | 08/01/16 | 09/30/21 | 54,737 | 769,878 | (0) |
| | | 6934886 | C | P159900 | DE-SC0016285 | Wyslouch /Boleslaw | 03/01/16 | 12/31/21 | 107,226 | 3,141,332 | 0 |
| | | 6935813 | C | P243020 | DE-SC0017381 | White /Anne E. | 01/01/17 | 03/31/21 | (805) | 935,001 | 0 |
| | | 6936104 | C | P243020 | DE-SC0012071 | Hubbard /Amanda E | 05/01/17 | 10/31/21 | 7,433 | 733,492 | (0) |
| | | 6937027 | C | P066000 | DE-SC0018091 | Schuh /Christopher A | 08/15/17 | 08/14/21 | 5,454 | 406,605 | 0 |
| | | 6937044 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 03/01/17 | 08/31/21 | 0 | 84,980 | 0 |
| | | 6937188 | C | P062000 | DE-SC0018096 | Kulik /Heather Janine | 09/01/17 | 08/31/21 | 27,338 | 292,725 | 0 |
| | | 6937192 | C | P243020 | DE-SC0014264 | Gomes Loureiro /Nuno F | 07/01/17 | 08/31/21 | 1,279 | 72,596 | 0 |
| | | 6937264 | C | P243020 | DE-SC0018090 | Bonoli /Paul T | 09/01/17 | 08/31/22 | 463,303 | 2,928,372 | 465,053 |
| | | 6937268 | C | P063007 | DE-SC0018357 | Juanes /Ruben | 08/01/17 | 07/31/21 | 18,755 | 718,846 | 0 |
| | | 6937278 | C | P159900 | DE-SC0018121 | Detmold /William | 06/01/17 | 08/31/22 | 329,028 | 1,631,700 | 47,928 |
| | | 6937305 | C | P069850 | DE-FG02-08ER46521 | Gedik /Nuh | 08/15/17 | 08/14/21 | 13,631 | 1,055,999 | 0 |
| | | 6937378 | C | P067952 | DE-SC0018121 | Amarasinghe /Saman P | 06/01/17 | 08/31/22 | 252,199 | 752,300 | 18,338 |
| | | 6937628 | C | P243020 | DE-FC02-93ER54186 | Brisson /John G | 11/15/17 | 11/14/22 | 0 | 0 | 0 |
| | | 6937629 | C | P243020 | DE-FC02-93ER54186 | Brisson /John G | 11/15/17 | 11/14/22 | 414,639 | 3,280,466 | 1,033,929 |
| | | 6937630 | C | P243020 | DE-FC02-93ER54186 | Brisson /John G | 11/15/17 | 11/14/22 | 84,234 | 464,700 | 113,222 |
| | | 6937631 | C | P243020 | DE-FC02-93ER54186 | Takayasu /Makoto | 11/15/17 | 11/14/22 | 14,391 | 18,634 | (398) |
| | | 6937632 | C | P243020 | DE-FC02-93ER54186 | Temkin /Richard J | 11/15/17 | 11/14/22 | 486,604 | 965,400 | 148,585 |
| | | 6937634 | C | P243020 | DE-FC02-93ER54186 | Wallace /Gregory Marriner | 11/15/17 | 11/14/22 | 162,357 | 442,500 | 98,915 |
| | | 6937635 | C | P243020 | DE-FC02-93ER54186 | Whyte /Dennis G | 11/15/17 | 11/14/22 | 5,266 | 84,700 | 17,405 |
| | | 6937693 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 12/01/17 | 08/31/21 | 0 | 6,000 | 0 |
| | | 6937752 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 11/01/17 | 08/31/21 | 0 | 165,884 | 0 |
| | | 6937945 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 10/12/17 | 08/31/21 | 28,458 | 1,308,247 | (0) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938143 | C | P243020 | DE-FC02-93ER54186 | Temkin /Richard J | 11/15/17 | 11/14/22 | 1,030 | 18,600 | 12,627 |
| | | 6938215 | C | P062000 | DE-FG02-08ER46488 | Strano /Michael S. | 02/15/18 | 06/14/21 | 4,082 | 637,000 | (0) |
| | | 6938677 | C | P069850 | DE-FG02-08ER46514 | Ashoori /Raymond | 08/01/17 | 07/31/23 | 96,179 | 950,000 | 97,967 |
| | | 6938828 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 06/14/18 | 08/31/21 | 0 | 32,514 | 0 |
| | | 6939045 | C | P067952 | DE-SC0018947 | Shun /Julian | 09/01/18 | 08/31/22 | 128,957 | 600,000 | 266,462 |
| | | 6939051 | C | P417500 | DE-SC0018945 | Fu /Liang | 06/01/18 | 05/31/21 | (4,291) | 389,993 | (0) |
| | | 6939057 | C | P243020 | DE-SC0014264 | Porkolab /Miklos | 09/01/17 | 08/31/21 | 11,658 | 179,207 | (0) |
| | | 6939058 | C | P243020 | DE-SC0014264 | Porkolab /Miklos | 09/01/17 | 08/31/21 | 18,205 | 369,235 | (0) |
| | | 6939064 | C | P417500 | DE-SC0018935 | Jarillo-Herrero /Pablo | 08/01/18 | 07/31/21 | (46,595) | 525,000 | (3,018) |
| | | 6939065 | C | P159900 | DE-SC0018936 | Milner /Richard G | 08/15/18 | 08/14/21 | (29) | 278,000 | (0) |
| | | 6939067 | C | P063007 | DE-SC0018934 | Kroll /Jesse | 08/15/18 | 08/14/22 | 64,526 | 380,897 | 2,836 |
| | | 6939082 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/18 | 08/31/21 | 170,653 | 3,181,988 | (0) |
| | | 6939084 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/18 | 08/31/21 | 0 | 92,560 | 0 |
| | | 6939099 | C | P417500 | DE-SC0002633 | Van Vliet /Krystyn J | 07/15/18 | 07/14/21 | 3,026 | 191,001 | 0 |
| | | 6939142 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 08/01/18 | 08/31/21 | 34,883 | 273,494 | 0 |
| | | 6939163 | C | P243020 | DE-SC0014229 | Porkolab /Miklos | 08/15/18 | 08/14/21 | 209,013 | 826,852 | (0) |
| | | 6939186 | C | P417500 | DE-SC0002633 | Van Vliet /Krystyn J | 07/15/18 | 07/14/21 | 2,268 | 336,945 | 0 |
| | | 6939187 | C | P417500 | DE-SC0002633 | Tuller /Harry L | 07/15/18 | 07/14/21 | 9,371 | 475,895 | (0) |
| | | 6939188 | C | P417500 | DE-SC0002633 | Yildiz /Bilge | 07/15/18 | 07/14/21 | 1,594 | 207,234 | (0) |
| | | 6939189 | C | P417500 | DE-SC0002633 | Chiang /Yet-Ming | 07/15/18 | 07/14/21 | (290) | 321,045 | (0) |
| | | 6939191 | C | P417500 | DE-SC0002633 | Li /Ju | 07/15/18 | 07/14/21 | 2,173 | 278,167 | (0) |
| | | 6939225 | C | P243020 | DE-SC0014251 | Terry /James L | 08/15/18 | 08/14/21 | 40,354 | 703,014 | 0 |
| | | 6939243 | C | P062000 | DE-SC0019087 | Smith /Zachary P | 09/01/18 | 08/31/22 | 115,343 | 590,519 | (24,605) |
| | | 6939255 | C | P243020 | DE-SC0014229 | Porkolab /Miklos | 08/15/18 | 08/14/21 | 6,175 | 13,000 | 0 |
| | | 6939277 | C | P243020 | DE-SC0019089 | White /Anne E. | 09/01/18 | 08/31/22 | 100,778 | 300,000 | 31,247 |
| | | 6939410 | C | P062000 | DE-SC0019345 | Tisdale /William | 09/01/18 | 08/31/21 | 20,686 | 946,752 | (0) |
| | | 6939417 | C | P417500 | DE-SC0008739 | Todadri /Senthil | 08/15/18 | 08/14/21 | 43,510 | 389,356 | 0 |
| | | 6939457 | C | P243020 | DE-SC0014251 | Terry /James L | 08/15/18 | 08/14/21 | 0 | 9,195 | 0 |
| | | 6939458 | C | P243020 | DE-SC0014251 | Terry /James L | 08/15/18 | 08/14/21 | 0 | 107,613 | 0 |
| | | 6939463 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 08/01/18 | 08/31/21 | 0 | 46,292 | 0 |
| | | 6939470 | C | P152000 | DE-SC0019126 | Nelson /Keith Adam | 09/01/18 | 08/31/22 | 459,388 | 1,614,721 | 83,800 |
| | | 6939478 | C | P066000 | DE-SC0019383 | Ross /Frances Mary | 09/01/18 | 12/31/21 | 30,875 | 265,485 | 0 |
| | | 6939512 | C | P417500 | DE-SC0019126 | Comin /Riccardo | 09/01/18 | 08/31/22 | 223,947 | 782,153 | 38,042 |
| | | 6939534 | C | P152000 | DE-SC0019126 | Nelson /Keith Adam | 09/01/18 | 08/31/22 | 248,138 | 875,140 | 153,852 |
| | | 6939570 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 11/01/17 | 08/31/21 | 0 | 18,353 | 0 |
| | | 6939631 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 143,305 | 809,381 | (676) |
| | | 6939725 | C | P062000 | DE-SC0019112 | Kulik /Heather Janine | 08/01/18 | 07/31/22 | 123,760 | 480,000 | 18,866 |
| | | 6939726 | C | P062000 | DE-SC0019112 | Bazant /Martin Z | 08/01/18 | 07/31/22 | 143,892 | 480,000 | 4,138 |
| | | 6939727 | C | P062000 | DE-SC0019112 | Blankschtein /Edmundo D | 08/01/18 | 07/31/22 | 160,505 | 480,000 | 14,025 |
| | | 6939728 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 112,674 | 733,750 | 131,237 |
| | | 6939729 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 220,357 | 733,750 | 24,519 |
| | | 6939730 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 142,102 | 493,750 | 80,177 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939731 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 09/30/21 | 77,826 | 284,243 | 0 |
| | | 6939732 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 456,619 | 1,693,750 | 247,810 |
| | | 6939733 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 398,440 | 1,213,750 | 57,707 |
| | | 6939766 | C | P417500 | DE-SC0002633 | Van Vliet /Krystyn J | 09/01/18 | 07/14/21 | 0 | 21,721 | 0 |
| | | 6939953 | C | P243020 | DE-SC0014229 | Porkolab /Miklos | 08/15/18 | 08/14/21 | 5,571 | 60,148 | 0 |
| | | 6940041 | C | P417500 | DE-FG02-03ER46076 | Lee /Patrick A | 12/01/18 | 11/30/21 | 107,865 | 490,000 | (0) |
| | | 6940199 | C | P063007 | DE-SC0018934 | Heald /Colette L. | 08/15/18 | 08/14/22 | 75,150 | 314,163 | 8 |
| | | 6940366 | C | P062000 | DE-SC0014901 | Green /William H | 03/01/19 | 12/31/22 | 50,961 | 444,971 | 337 |
| | | 6940618 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/18 | 10/31/21 | 590,323 | 5,575,839 | 0 |
| | | 6940619 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/18 | 10/31/21 | 836 | 103,000 | 0 |
| | | 6940620 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/18 | 10/31/21 | 198,707 | 206,000 | (0) |
| | | 6940697 | C | P062000 | DE-SC0019345 | Tisdale /William | 04/01/19 | 08/31/21 | 2,976 | 13,456 | 0 |
| | | 6940744 | C | P243020 | DE-SC0015566 | Temkin /Richard J | 05/01/19 | 03/31/22 | 306,334 | 1,197,232 | (34,811) |
| | | 6940873 | C | P159900 | DE-SC0019768 | Redwine /Robert P | 03/01/19 | 05/31/22 | 84,192 | 686,550 | 291,676 |
| | | 6940915 | C | P152000 | DE-FG02-07ER46454 | Bawendi /Moungi G | 03/01/19 | 05/31/22 | 4,985 | 580,000 | (20) |
| | | 6940959 | C | P152000 | DE-SC0019126 | Nelson /Keith Adam | 09/01/18 | 12/31/19 | 0 | 27,985 | 0 |
| | | 6941172 | C | P152000 | DE-SC0019998 | Schlau-Cohen /Gabriela S | 08/01/19 | 07/31/22 | 130,665 | 390,000 | 25,344 |
| | | 6941198 | C | P267500 | DE-FG02-07ER46474 | Baldo /Marc A | 07/01/19 | 06/30/22 | 238,819 | 600,000 | (19,608) |
| | | 6941225 | C | P159900 | DE-SC0019999 | Williams /Michael | 10/17/18 | 10/31/22 | 165,617 | 1,037,785 | 72,936 |
| | | 6941284 | C | P152000 | DE-SC0019998 | Willard /Adam P. | 08/01/19 | 07/31/22 | 128,651 | 320,000 | (101) |
| | | 6941285 | C | P165000 | DE-SC0019998 | Bathe /Mark | 08/01/19 | 07/31/22 | 136,510 | 390,000 | (2,545) |
| | | 6941290 | C | P267200 | DE-FG02-07ER46474 | Van Voorhis /Troy | 07/01/19 | 06/30/22 | 132,578 | 300,000 | 13,434 |
| | | 6941326 | C | P267100 | DE-SC0020042 | Kong /Jing | 07/01/19 | 06/30/22 | 116,015 | 449,999 | (20,305) |
| | | 6941405 | C | P243020 | DE-SC0016154 | Porkolab /Miklos | 08/01/19 | 07/31/22 | 616,218 | 1,636,642 | 366,923 |
| | | 6941415 | C | P062000 | DE-SC0016214 | Roman /Yuriy | 06/01/19 | 08/31/22 | 87,634 | 450,000 | 3,621 |
| | | 6941448 | C | P243020 | DE-SC0010492 | Bonoli /Paul T | 08/15/19 | 08/14/22 | 336,034 | 1,148,276 | 240,028 |
| | | 6941450 | C | P243020 | DE-SC0010492 | Bonoli /Paul T | 08/15/19 | 08/14/22 | 17,257 | 0 | 0 |
| | | 6941531 | C | P068000 | DE-SC0020148 | Li /Mingda | 07/01/19 | 06/30/22 | 241,651 | 655,000 | (17,111) |
| | | 6941532 | C | P417500 | DE-SC0020149 | Ashoori /Raymond | 09/15/19 | 09/14/22 | 60,256 | 475,390 | 412,814 |
| | | 6941576 | C | P243020 | DE-SC0016154 | Porkolab /Miklos | 08/01/19 | 07/31/22 | 76,489 | 133,358 | 36,307 |
| | | 6941584 | C | P066000 | DE-SC0020180 | Schuh /Christopher A | 09/15/19 | 09/14/22 | 339,906 | 699,475 | 69,091 |
| | | 6941611 | C | P159900 | DE-SC0020181 | Formaggio /Joseph A | 08/01/19 | 07/31/22 | 237,168 | 470,000 | 10,384 |
| | | 6941632 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 11/01/17 | 08/31/21 | 489,784 | 1,860,563 | 0 |
| | | 6941635 | C | P159900 | DE-SC0019999 | Williams /Michael | 10/17/18 | 10/31/22 | 0 | 5,215 | 5,215 |
| | | 6941636 | C | P159900 | DE-SC0019768 | Wyslouch /Boleslaw | 03/01/19 | 05/31/22 | 4,197 | 3,450 | (747) |
| | | 6941642 | C | P243020 | DE-SC0020264 | Gomes Loureiro /Nuno F | 09/01/19 | 08/31/23 | 311,474 | 1,441,546 | 724,665 |
| | | 6941643 | C | P159900 | DE-SC0020240 | Hen /Or | 10/15/18 | 10/31/21 | 53,705 | 536,086 | 0 |
| | | 6941646 | C | P159900 | DE-SC0020265 | Hen /Or | 09/01/19 | 08/31/22 | 197,465 | 450,000 | 182,667 |
| | | 6941674 | C | P159900 | DE-SC0020240 | Hen /Or | 10/15/18 | 10/31/21 | 198,994 | 1,100,000 | (0) |
| | | 6941703 | C | P069850 | DE-SC0020149 | Ashoori /Raymond | 09/15/19 | 09/14/22 | 306,881 | 906,131 | 88,657 |
| | | 6941704 | C | P069850 | DE-SC0020149 | Jarillo-Herrero /Pablo | 09/15/19 | 09/14/22 | 178,448 | 403,330 | 341 |
| | | 6941705 | C | P069850 | DE-SC0020149 | Gedik /Nuh | 09/15/19 | 09/14/22 | 251,423 | 614,446 | 92,629 |
| | | 6941706 | C | P069850 | DE-SC0020149 | Checkelsky /Joseph | 09/15/19 | 09/14/22 | 169,192 | 487,453 | 871 |
| | | 6941707 | C | P069850 | DE-SC0020149 | Fu /Liang | 09/15/19 | 09/14/22 | 184,287 | 410,552 | 6,270 |
| | | 6941730 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/18 | 10/31/21 | 430,848 | 2,780,348 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941734 | C | P063007 | DE-SC0018357 | Juanes /Ruben | 09/01/19 | 07/31/21 | 457 | 47,816 | 0 |
| | | 6941739 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 274,088 | 797,817 | 85,507 |
| | | 6941744 | C | P243020 | DE-SC0014264 | White /Anne E. | 09/01/19 | 08/31/21 | 145,473 | 846,987 | (0) |
| | | 6941745 | C | P243020 | DE-SC0014264 | Wright /John C | 09/01/19 | 08/31/21 | 11,600 | 108,139 | 0 |
| | | 6941746 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 09/01/19 | 08/31/21 | 12,008 | 184,701 | (0) |
| | | 6941789 | C | P243020 | DE-SC0020327 | Marmar /Earl S | 09/01/19 | 08/31/22 | 537,872 | 1,802,278 | 395,800 |
| | | 6941791 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 08/01/19 | 10/31/21 | 31,164 | 90,000 | 0 |
| | | 6941823 | C | P243020 | DE-SC0020327 | Marmar /Earl S | 09/01/19 | 08/31/22 | 3,568 | 60,000 | 28,627 |
| | | 6941893 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 546,916 | 2,559,055 | 0 |
| | | 6941894 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 609,671 | 1,174,000 | (0) |
| | | 6941895 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 299,753 | 1,480,000 | (0) |
| | | 6941896 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 134,929 | 680,000 | 0 |
| | | 6941897 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 311,868 | 423,000 | (0) |
| | | 6941898 | C | P159900 | DE-SC0011755 | Wyslouch /Boleslaw | 11/01/19 | 10/31/21 | 55,447 | 34,945 | 0 |
| | | 6941899 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 12,371 | 163,000 | 0 |
| | | 6941900 | C | P159900 | DE-SC0011755 | Ting /Samuel | 11/01/19 | 10/31/21 | 35,262 | 475,000 | (0) |
| | | 6941903 | C | P159900 | DE-SC0011848 | Ting /Samuel | 11/01/19 | 10/31/21 | 403,055 | 1,989,438 | 0 |
| | | 6941904 | C | P159900 | DE-SC0011848 | Ting /Samuel | 11/01/19 | 10/31/21 | 333,947 | 1,020,000 | 0 |
| | | 6941905 | C | P159900 | DE-SC0011848 | Ting /Samuel | 11/01/19 | 10/31/21 | 22,638 | 120,000 | (0) |
| | | 6941906 | C | P159900 | DE-SC0011848 | Ting /Samuel | 11/01/19 | 10/31/21 | 245,949 | 500,000 | 0 |
| | | 6941907 | C | P159900 | DE-SC0011848 | Wyslouch /Boleslaw | 11/01/19 | 10/31/21 | 18,390 | 18,865 | 0 |
| | | 6941908 | C | P159900 | DE-SC0011848 | Ting /Samuel | 11/01/19 | 10/31/21 | 0 | 124,697 | 0 |
| | | 6941909 | C | P159900 | DE-SC0011091 | Wyslouch /Boleslaw | 11/01/19 | 10/31/22 | 0 | 0 | 0 |
| | | 6941910 | C | P159900 | DE-SC0011091 | Formaggio /Joseph A | 11/01/19 | 10/31/22 | 489,932 | 1,322,000 | 177,528 |
| | | 6941911 | C | P159900 | DE-SC0011091 | Formaggio /Joseph A | 11/01/19 | 10/31/22 | 17,012 | 158,000 | 87,107 |
| | | 6941921 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 0 | 6,987 | (9,853) |
| | | 6941922 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 481,448 | 1,472,844 | 63,794 |
| | | 6941923 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 103,587 | 296,455 | 19,780 |
| | | 6941924 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 17,038 | 343,508 | 300,361 |
| | | 6941925 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 593,624 | 738,590 | (637,425) |
| | | 6941926 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 28,285 | 22,000 | 12,902 |
| | | 6941928 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 0 | 11,615 | 18,156 |
| | | 6941929 | C | P159900 | DE-SC0011088 | Roland /Gunther M | 11/01/19 | 10/31/22 | 375,722 | 770,000 | 5,277 |
| | | 6942019 | C | P159900 | DE-SC0011090 | Stewart /Iain W | 11/01/19 | 10/31/22 | 0 | 0 | 0 |
| | | 6942020 | C | P159900 | DE-SC0011090 | Stewart /Iain W | 11/01/19 | 10/31/22 | 1,108,068 | 2,343,800 | (230,438) |
| | | 6942021 | C | P159900 | DE-SC0011090 | Stewart /Iain W | 11/01/19 | 10/31/22 | 154,719 | 300,000 | (40,659) |
| | | 6942022 | C | P159900 | DE-SC0011090 | Stewart /Iain W | 11/01/19 | 10/31/22 | 6,796 | 11,200 | 15,699 |
| | | 6942238 | C | P159400 | DE-FG02-94ER61937 | Prinn /Ronald G | 12/15/19 | 12/14/22 | 719,498 | 2,100,000 | 368,304 |
| | | 6942608 | C | P159900 | DE-SC0011939 | Wyslouch /Boleslaw | 04/01/20 | 03/31/23 | 0 | 0 | 0 |
| | | 6942610 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 10/01/19 | 10/31/21 | 9,235 | 13,780 | 0 |
| | | 6942752 | C | P159900 | DE-SC0011939 | Paus /Christoph M. E. | 04/01/20 | 03/31/23 | 643,919 | 1,525,068 | 171,692 |
| | | 6942753 | C | P159900 | DE-SC0011939 | Paus /Christoph M. E. | 04/01/20 | 03/31/23 | 508,718 | 1,796,232 | 832,438 |
| | | 6942754 | C | P159900 | DE-SC0011939 | Wyslouch /Boleslaw | 04/01/20 | 03/31/23 | 10,805 | 10,700 | 7 |
| | | 6942778 | C | P417500 | DE-SC0020149 | Ashoori /Raymond | 09/15/19 | 07/31/21 | 0 | 15,046 | 0 |
| | | 6942922 | C | P159900 | DE-SC0012567 | Wyslouch /Boleslaw | 04/01/20 | 03/31/23 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942923 | C | P159900 | DE-SC0012567 | Wyslouch /Boleslaw | 04/01/20 | 03/31/23 | 865,229 | 2,010,650 | 451,176 |
| | | 6942924 | C | P159900 | DE-SC0012567 | Taylor /Washington | 04/01/20 | 03/31/23 | 123,505 | 525,000 | 158,484 |
| | | 6942925 | C | P159900 | DE-SC0012567 | Wyslouch /Boleslaw | 04/01/20 | 03/31/23 | 4,633 | 8,350 | 3,717 |
| | | 6943077 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 10/01/19 | 08/31/21 | 74,937 | 1,144,039 | 0 |
| | | 6943083 | C | P417500 | DE-SC0002633 | Van Vliet /Krystyn J | 04/20/20 | 07/14/21 | 0 | 7,990 | 0 |
| | | 6943125 | C | P417500 | DE-SC0020149 | Ashoori /Raymond | 04/01/20 | 09/14/21 | 0 | 6,188 | 0 |
| | | 6943401 | C | P152000 | DE-SC0018097 | Schlau-Cohen /Gabriela S | 09/01/20 | 08/31/22 | 198,700 | 445,000 | 35,780 |
| | | 6943562 | C | P065004 | DE-FG02-02ER45977 | Boriskina /Svetlana V | 07/01/20 | 06/30/23 | 151,734 | 482,268 | 220,524 |
| | | 6943564 | C | P069850 | DE-FG02-08ER46521 | Gedik /Nuh | 07/01/20 | 08/14/21 | 8,030 | 65,230 | 0 |
| | | 6943566 | C | P417500 | DE-SC0020149 | Ashoori /Raymond | 07/01/20 | 09/14/21 | 1,800 | 99,722 | 0 |
| | | 6943712 | C | P062000 | DE-SC0007106 | Olsen /Bradley D. | 08/15/20 | 08/14/22 | 252,369 | 500,000 | 208,930 |
| | | 6943790 | C | P159900 | DE-SC0021176 | Garcia Ruiz /Ronald Fernando | 06/03/20 | 08/31/22 | 237,058 | 426,815 | (67,484) |
| | | 6943869 | C | P152000 | DE-SC0020974 | Suess /Daniel Leif Migdow | 06/03/20 | 08/31/22 | 297,651 | 400,000 | (32,554) |
| | | 6943884 | C | P152000 | DE-SC0020973 | Surendranath /Yogesh | 09/01/20 | 08/31/22 | 100,812 | 366,667 | 75,833 |
| | | 6943913 | C | P069850 | DE-SC0020149 | Ashoori /Raymond | 08/01/20 | 07/31/21 | (15,025) | 0 | 0 |
| | | 6943950 | C | P062000 | DE-SC0020999 | Manthiram /Karthish | 09/01/20 | 08/31/21 | 50,139 | 138,910 | 0 |
| | | 6943966 | C | P062000 | DE-SC0021025 | Tisdale /William | 08/01/20 | 07/31/22 | 183,181 | 502,596 | 219,193 |
| | | 6943967 | C | P159900 | DE-SC0021006 | Shanahan /Phiala E | 09/01/20 | 08/31/22 | 157,425 | 257,000 | 40,072 |
| | | 6943968 | C | P065005 | DE-SC0020998 | Van Rees /Willem Marinus | 09/01/20 | 08/31/23 | 122,747 | 541,767 | 343,435 |
| | | 6943969 | C | P417500 | DE-FG02-08ER46521 | Gedik /Nuh | 08/15/20 | 08/14/22 | 416,084 | 749,852 | 112,288 |
| | | 6943992 | C | P152000 | DE-SC0018094 | Willard /Adam P. | 09/01/20 | 08/31/22 | 135,293 | 300,000 | 168,818 |
| | | 6944018 | C | P159900 | DE-SC0021179 | Garcia Ruiz /Ronald Fernando | 06/03/20 | 08/31/22 | 122,957 | 300,000 | 94,037 |
| | | 6944032 | C | P243020 | DE-SC0021120 | Baek /Seung Gyou | 09/01/20 | 08/31/22 | 217,432 | 371,042 | 54,042 |
| | | 6944082 | C | P267200 | DE-SC0021181 | Oliver /William D | 09/15/20 | 09/14/22 | 161,779 | 260,000 | 40,879 |
| | | 6944083 | C | P243020 | DE-SC0021202 | Wright /John C | 09/01/20 | 08/31/22 | 79,170 | 507,709 | 364,056 |
| | | 6944084 | C | P069850 | DE-SC0020149 | Ashoori /Raymond | 09/01/20 | 09/14/22 | 21 | 16,000 | 11,913 |
| | | 6944086 | C | P061097 | DE-SC0021226 | Marzouk /Youssef M | 09/23/20 | 09/22/22 | 78,669 | 162,000 | 82,085 |
| | | 6944088 | C | P243020 | DE-SC0021178 | Woller /Kevin Benjamin | 09/01/20 | 08/31/22 | 59,862 | 307,525 | 219,332 |
| | | 6944090 | C | P159900 | DE-SC0021180 | Formaggio /Joseph A | 09/15/20 | 09/14/22 | 146,266 | 250,000 | 103,734 |
| | | 6944091 | C | P159900 | DE-SC0021225 | Harris /Philip Coleman | 09/23/20 | 09/22/22 | 75,357 | 204,852 | 84,975 |
| | | 6944142 | C | P159900 | DE-SC0021176 | Garcia Ruiz /Ronald Fernando | 06/03/20 | 08/31/22 | 19,321 | 342,185 | (31,990) |
| | | 6944164 | C | P159900 | DE-SC0021176 | Garcia Ruiz /Ronald Fernando | 06/03/20 | 08/31/22 | 25,888 | 130,000 | 99,101 |
| | | 6944293 | C | P159900 | DE-SC0021180 | Formaggio /Joseph A | 10/01/20 | 09/14/22 | 87,377 | 100,000 | (1,650) |
| | | 6944330 | C | P062000 | DE-SC0021025 | Tisdale /William | 08/01/20 | 07/31/22 | 16,242 | 37,579 | (0) |
| | | 6944414 | C | P069850 | DE-SC0020149 | Checkelsky /Joseph | 09/15/19 | 09/14/22 | 27,656 | 55,000 | 795 |
| | | 6944547 | C | P417500 | DE-FG02-08ER46521 | Gedik /Nuh | 11/01/20 | 12/31/21 | 20,150 | 41,764 | 0 |
| | | 6944589 | C | P243020 | DE-SC0014264 | White /Anne E. | 09/01/19 | 08/31/21 | 948 | 12,121 | 0 |
| | | 6944600 | C | P417500 | DE-FG02-08ER46521 | Gedik /Nuh | 12/01/20 | 12/31/21 | (3,240) | 12,154 | 0 |
| | | 6944644 | C | P243020 | DE-SC0015566 | Temkin /Richard J | 04/01/20 | 03/31/22 | 24,038 | 64,768 | 34,815 |
| | | 6944774 | C | P243020 | DE-SC0014264 | Hare /Jack | 09/01/15 | 08/31/21 | 100,026 | 113,964 | 0 |
| | | 6944828 | C | P243020 | DE-FG02-91ER54109 | Bonoli /Paul T | 02/01/21 | 01/31/23 | 0 | 0 | 0 |
| | | 6944830 | C | P243020 | DE-FG02-91ER54109 | Bonoli /Paul T | 02/01/21 | 01/31/23 | 1,099,831 | 2,600,000 | 1,050,572 |
| | | 6944831 | C | P243020 | DE-FG02-91ER54109 | Bonoli /Paul T | 02/01/21 | 01/31/23 | 49,510 | 100,000 | 35,069 |
| | | 6944832 | C | P243020 | DE-FG02-91ER54109 | Bonoli /Paul T | 02/01/21 | 01/31/23 | 0 | 0 | 16,592 |
| | | 6944833 | C | P243020 | DE-FG02-91ER54109 | Whyte /Dennis G | 02/01/21 | 01/31/22 | 112 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944842 | C | P152000 | DE-SC0021580 | Field /Robert W | 01/01/21 | 12/31/22 | 150,461 | 240,478 | 33,046 |
| | | 6944844 | C | P417500 | DE-SC0020149 | Ashoori /Raymond | 09/15/19 | 05/01/21 | 746 | 10,742 | 0 |
| | | 6945042 | C | P243020 | DE-SC0012470 | Stillerman /Joshua A | 11/01/20 | 02/01/23 | 475,899 | 1,143,600 | 333,465 |
| | | 6945248 | C | P152000 | DE-SC0021634 | Surendranath /Yogesh | 02/01/21 | 07/31/22 | 189,661 | 262,227 | (12,184) |
| | | 6945325 | C | P243020 | DE-SC0018090 | Bonoli /Paul T | 09/01/20 | 08/31/22 | 59,000 | 93,008 | 34,007 |
| | | 6945344 | C | P243020 | DE-SC0021629 | Hughes /Jerry | 05/01/21 | 04/30/23 | 88,489 | 216,663 | 120,684 |
| | | 6945403 | C | P243020 | DE-SC0021637 | Woller /Kevin Benjamin | 05/01/21 | 05/14/23 | 90,602 | 373,338 | 280,117 |
| | | 6945455 | C | P062000 | DE-SC0021634 | Roman /Yuriy | 02/01/21 | 07/31/22 | 151,429 | 218,031 | 66,602 |
| | | 6945495 | C | P152000 | DE-SC0021650 | Bawendi /Moungi G | 06/01/21 | 05/31/24 | 272,014 | 290,448 | 9,446 |
| | | 6945500 | C | P243020 | DE-SC0021647 | Ram /Abhay Kumar | 05/01/21 | 04/30/23 | 70,713 | 201,911 | 120,717 |
| | | 6945556 | C | P062000 | DE-FG02-08ER46488 | Strano /Michael S. | 06/15/21 | 06/14/23 | 330,584 | 517,000 | 179,171 |
| | | 6945575 | C | P243020 | DE-SC0022033 | Hartwig /Zachary Seth | 07/01/21 | 08/14/23 | 91,454 | 400,000 | 308,546 |
| | | 6945677 | C | P159900 | DE-SC0021886 | Engelhardt /Netta | 08/01/21 | 07/31/23 | 0 | 222,000 | 222,000 |
| | | 6945758 | C | P068000 | DE-SC0021940 | Li /Mingda | 08/01/21 | 07/31/22 | 32,005 | 161,602 | 129,597 |
| | | 6945789 | C | P159900 | DE-SC0021943 | Harris /Philip Coleman | 08/01/21 | 07/31/23 | 97,824 | 300,000 | 202,176 |
| | | 6945798 | C | P417500 | DE-SC0021939 | Comin /Riccardo | 08/01/21 | 07/31/23 | 125,570 | 300,000 | 174,430 |
| | | 6945800 | C | P243020 | DE-SC0021637 | Woller /Kevin Benjamin | 05/01/21 | 05/14/23 | 0 | 114,562 | 114,562 |
| | | 6945804 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 07/01/21 | 10/31/21 | 65,051 | 65,051 | 0 |
| | | 6945840 | C | P243020 | DE-SC0014229 | Porkolab /Miklos | 08/15/21 | 08/14/22 | (20,732) | 283,000 | 303,732 |
| | | 6945841 | C | P243020 | DE-SC0014251 | Terry /James L | 08/15/21 | 08/14/22 | 256,019 | 492,361 | 236,342 |
| | | 6945850 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 0 | 138,201 | 138,201 |
| | | 6945884 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 1,995,889 | 2,950,000 | 954,111 |
| | | 6945885 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 118,774 | 130,000 | 11,226 |
| | | 6945886 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 7,583 | 13,744 | 6,161 |
| | | 6945887 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 181,576 | 180,000 | (1,576) |
| | | 6945888 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 238,041 | 200,000 | (38,041) |
| | | 6945932 | C | P243020 | DE-SC0022012 | Gomes Loureiro /Nuno F | 09/01/21 | 08/31/22 | 47,206 | 120,000 | 72,794 |
| | | 6945934 | C | P417500 | DE-SC0008739 | Todadri /Senthil | 08/15/21 | 08/24/22 | 118,449 | 160,644 | 42,195 |
| | | 6945946 | C | P063007 | DE-SC0022017 | Heald /Colette L. | 08/15/21 | 08/14/23 | 11,721 | 410,391 | 398,670 |
| | | 6945947 | C | P062000 | DE-SC0022016 | Stephanopoulos /Gregory | 09/01/21 | 08/31/22 | 43,314 | 343,314 | 300,000 |
| | | 6945948 | C | P066000 | DE-SC0018091 | Schuh /Christopher A | 08/15/21 | 08/14/22 | 111,441 | 265,399 | 153,958 |
| | | 6945978 | C | P243020 | DE-SC0014264 | White /Anne E. | 07/01/21 | 08/31/22 | 485,282 | 903,004 | 417,722 |
| | | 6945982 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/21 | 07/31/22 | 89,327 | 209,507 | 120,180 |
| | | 6946018 | C | P243020 | DE-SC0014264 | Porkolab /Miklos | 07/01/21 | 08/31/22 | 128,954 | 246,558 | 117,604 |
| | | 6946022 | C | P243020 | DE-SC0014264 | Wright /John C | 07/01/21 | 08/31/22 | 72,164 | 191,861 | 119,697 |
| | | 6946044 | C | P267111 | DE-SC0022054 | Berggren /Karl K | 05/17/21 | 08/14/22 | 157,647 | 169,483 | 11,836 |
| | | 6946045 | C | P417500 | DE-SC0022028 | Checkelsky /Joseph | 08/01/21 | 07/31/23 | 189,644 | 351,750 | 162,106 |
| | | 6946084 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 168,471 | 215,299 | 46,829 |
| | | 6946085 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 79,141 | 112,000 | 32,859 |
| | | 6946086 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 177,640 | 190,000 | 12,360 |
| | | 6946087 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 1,229 | 165 | (1,064) |
| | | 6946088 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 11,129 | 0 | (11,129) |
| | | 6946089 | C | P243020 | DE-SC0014264 | Wukitch /Stephen James | 07/01/21 | 08/31/22 | 909,823 | 0 | (909,823) |
| | | 6946090 | C | P243020 | DE-SC0014264 | Wukitch /Stephen James | 07/01/21 | 08/31/22 | 5,164 | 0 | (5,164) |
| | | 6946104 | C | P062000 | DE-SC0019345 | Tisdale /William | 09/01/21 | 08/31/22 | 186,504 | 209,301 | 22,797 |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946181 | C | P062000 | DE-SC0021634 | Roman /Yuriy | 02/01/21 | 10/31/21 | 10,017 | 15,445 | 5,428 |
| | | 6946313 | C | P159900 | PENDING | Wyslouch /Boleslaw | 10/01/21 | 10/31/22 | 0 | 0 | 0 |
| | | 6946314 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 1,181,837 | 0 | (1,181,837) |
| | | 6946315 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | (519,792) | 0 | 519,792 |
| | | 6946316 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 364,432 | 0 | (364,432) |
| | | 6946317 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 194,753 | 0 | (194,753) |
| | | 6946318 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 27,823 | 0 | (27,823) |
| | | 6946319 | C | P159900 | PENDING | Wyslouch /Boleslaw | 10/01/21 | 10/31/22 | (55,447) | 0 | 55,447 |
| | | 6946320 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 129,271 | 0 | (129,271) |
| | | 6946321 | C | P159900 | PENDING | Ting /Samuel | 10/01/21 | 10/31/22 | 203,890 | 0 | (203,890) |
| | | 6946324 | C | P159900 | | Wyslouch /Boleslaw | 10/01/21 | 10/31/22 | 0 | 0 | 0 |
| | | 6946325 | C | P159900 | | Ting /Samuel | 10/01/21 | 10/31/22 | 982,730 | 0 | (982,730) |
| | | 6946326 | C | P159900 | | Ting /Samuel | 10/01/21 | 10/31/22 | (208,240) | 0 | 208,240 |
| | | 6946327 | C | P159900 | | Ting /Samuel | 10/01/21 | 10/31/22 | (104,000) | 0 | 104,000 |
| | | 6946328 | C | P159900 | | Ting /Samuel | 10/01/21 | 10/31/22 | 111,096 | 0 | (111,096) |
| | | 6946329 | C | P159900 | | Ting /Samuel | 10/01/21 | 10/31/22 | (18,390) | 0 | 18,390 |
| | | 6946417 | C | P267111 | DE-SC0022054 | Berggren /Karl K | 05/17/21 | 08/14/22 | 0 | 67,179 | 67,179 |
| | | 6946431 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 769,997 | 2,276,866 | 1,506,869 |
| | | 6946442 | C | P063007 | DE-SC0022017 | Kroll /Jesse | 08/15/21 | 08/14/22 | 112,099 | 134,632 | 22,533 |
| | | 6946475 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/21 | 10/31/22 | 320,655 | 650,000 | 329,345 |
| | | 6946485 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/21 | 10/31/22 | 0 | 161 | 161 |
| | | 6946490 | C | P159900 | DE-SC0020240 | Hen /Or | 11/01/21 | 10/31/22 | 63,025 | 408,425 | 345,400 |
| | | 6946491 | C | P243020 | DE-SC0014264 | Hare /Jack | 07/01/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946511 | C | P159900 | DE-SC0020240 | Hen /Or | 11/01/21 | 10/31/22 | 263,766 | 250,000 | (13,766) |
| | | 6946512 | C | P159900 | DE-SC0020240 | Hen /Or | 11/01/21 | 10/31/22 | 0 | 0 | 0 |
| | | 6946517 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/21 | 10/31/22 | (194,699) | 37,500 | 232,199 |
| | | 6946518 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/21 | 10/31/22 | 1,329,553 | 1,947,339 | 617,787 |
| | | 6946519 | C | P159900 | DE-SC0018229 | Wyslouch /Boleslaw | 11/01/21 | 10/31/22 | 11,854 | 75,000 | 63,146 |
| | | 6946528 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/21 | 10/31/22 | 30,227 | 60,000 | 29,773 |
| | | 6946529 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/21 | 10/31/22 | 0 | 14,820 | 14,820 |
| | | 6946547 | C | P243020 | DE-SC0014229 | Porkolab /Miklos | 08/15/21 | 08/14/22 | (5,815) | 9,000 | 14,815 |
| | | 6946551 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/21 | 10/31/22 | 1,538 | 50,000 | 48,462 |
| | | 6946600 | C | P267111 | DE-SC0022054 | Berggren /Karl K | 05/17/21 | 08/14/22 | 3,644 | 10,000 | 6,356 |
| | | 6946601 | C | P267111 | DE-SC0022054 | Berggren /Karl K | 05/17/21 | 08/14/22 | 5,895 | 8,338 | 2,443 |
| | | 6946661 | C | P243020 | DE-SC0014264 | White /Anne E. | 07/01/21 | 08/31/22 | 70,804 | 180,000 | 109,196 |
| | | 6946811 | C | P159900 | DE-SC0022340 | Roland /Gunther M | 11/30/21 | 11/29/22 | 55,224 | 250,000 | 194,776 |
| | | 6946912 | C | P243020 | DE-SC0014264 | Rice /John E | 07/01/21 | 08/31/22 | 100,321 | 197,000 | 96,679 |
| | | 6946980 | C | P417500 | DE-FG02-03ER46076 | Lee /Patrick A | 12/01/21 | 11/30/22 | 17,891 | 170,000 | 152,109 |
| | | 6947055 | C | P159900 | DE-FG02-94ER40818 | Milner /Richard G | 11/01/21 | 10/31/22 | 7,657 | 35,000 | 27,343 |
| | | 6947238 | C | P062000 | DE-SC0022016 | Stephanopoulos /Gregory | 09/01/21 | 08/31/22 | 0 | 149,180 | 149,180 |
| | | 6947706 | C | P159900 | DE-SC0019768 | Redwine /Robert P | 06/01/22 | 08/31/22 | 9,570 | 0 | (9,570) |
| | | 6947728 | C | P062000 | DE-SC0019345 | Tisdale /William | 06/01/22 | 08/31/22 | 1,801 | 55,699 | 53,898 |
| | | 9173500 | C | P264000 | DE-AC02-76ET37241 | Bernard /John A | 01/01/96 | 12/31/08 | 0 | 85,613 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9279200 | C | P264000 | DE-AC02-76ET37241 | Bernard /John A | 09/01/82 | 12/31/95 | 0 | 12,947 | 0 |
| | 000207 DOE - Ames La | 6940042 | C | P417500 | SC-19-487 | Jarillo-Herrero /Pablo | 11/14/18 | 07/31/22 | 177,364 | 500,928 | (15,326) |
| | 002198 Battelle-Pacific Northwest Laboratories | 6939625 | C | P152000 | CONTRACT# 428422 | Surendranath /Yogesh | 10/03/18 | 12/31/22 | 174,694 | 860,000 | 44,520 |
| | | 6942932 | C | P267200 | CONTRACT# 499232 | Oliver /William D | 03/12/20 | 12/31/21 | 16,880 | 90,474 | (0) |
| | | 6943054 | C | P267200 | CONTRACT# 514484 | Shao-Horn /Yang | 03/23/20 | 09/30/21 | 55,191 | 199,949 | 2 |
| | | 6944507 | C | P062000 | CONTRACT #: 543753 | Hatton /Trevor Alan | 11/16/20 | 09/30/22 | 176,163 | 460,000 | 188,177 |
| | | 6944616 | C | P159400 | CONTRACT #: 547784 | Morris /Jennifer Faye | 12/07/20 | 09/30/24 | 59,732 | 195,000 | 112,904 |
| | | 6944935 | C | P068000 | CONTRACT #: 556706 | Danagoulian /Areg | 02/11/21 | 09/30/22 | 169,696 | 399,876 | 172,259 |
| | | 6946906 | C | P267200 | CONTRACT# 605957 | Oliver /William D | 01/05/22 | 09/30/22 | 63,511 | 165,000 | 101,489 |
| | 002533 CREARE, Incor | 6943898 | C | P243020 | AGRMT. DTD. 8/17/2020 | Brisson /John G | 06/29/20 | 02/28/22 | 42,677 | 66,000 | (0) |
| | 003511 UT- Battelle LLC | 6943240 | C | P243020 | 4000179517 | White /Anne E. | 05/01/20 | 09/30/22 | 42,722 | 100,000 | 13,299 |
| | 004205 Radiation Monit | 6941874 | C | P264000 | SUBCONTRACT C20-02 | Khaykovich /Boris | 10/25/19 | 12/31/21 | 137,977 | 428,596 | 0 |
| | 004298 Sandia National | 6938128 | C | P061097 | AGREEMENT 1340868 / PO 1874220 | Marzouk /Youssef M | 12/14/17 | 06/30/21 | 2,773 | 173,136 | 0 |
| | 004488 Tanner Research, Incorporated | 6944940 | C | P243020 | DE-SC0019905 | Takayasu /Makoto | 08/28/20 | 08/23/22 | 184,642 | 314,500 | 74,148 |
| | | 6945210 | C | P243020 | DE-SC0019905 | Takayasu /Makoto | 04/12/21 | 08/23/22 | 0 | 15,500 | 3,108 |
| | 005250 Battelle Memori | 6946609 | C | P267200 | CONTRACT #592022 | Shao-Horn /Yang | 11/10/21 | 09/30/22 | 39,957 | 100,000 | 60,043 |
| | 005333 Brown Universit | 6939921 | C | P152000 | 00001292 | Willard /Adam P. | 09/15/18 | 09/14/19 | 0 | 70,303 | (0) |
| | | 6941848 | C | P152000 | 00001292 | Willard /Adam P. | 09/15/19 | 09/14/20 | 0 | 144,338 | (0) |
| | | 6944472 | C | P152000 | 00001292 | Willard /Adam P. | 09/15/20 | 09/14/22 | 81,805 | 129,105 | 5,571 |
| | | 6946479 | C | P152000 | 00001292 | Willard /Adam P. | 09/15/21 | 09/14/22 | 0 | 0 | 0 |
| | 005357 General Atomic: | 6937870 | C | P243020 | PO# 4500071909 | Bonoli /Paul T | 09/01/17 | 08/31/22 | 128,899 | 750,000 | 88,218 |
| | 005498 Colorado State | 6946705 | C | P062000 | G-64020-01 | Roman /Yuriy | 09/01/21 | 08/31/22 | 31,798 | 170,000 | 138,202 |
| | 005935 Georgia Institute | 6945218 | C | P066000 | AWD-102458-G1 | Ross /Frances Mary | 09/01/19 | 12/31/21 | 58,064 | 100,183 | 0 |
| | 006120 Harvard University | 6920743 | C | P069850 | 133512-5028381 | Jarillo-Herrero /Pablo | 09/15/09 | 01/14/23 | 200,683 | 2,825,113 | 30,652 |
| | | 6923937 | C | P069850 | 133512-02 | Jarillo-Herrero /Pablo | 09/15/09 | 07/14/14 | 0 | 18,512 | 0 |
| | | 6939918 | C | P417500 | AGREEMENT NO. 134126-5110101 | Jarillo-Herrero /Pablo | 09/15/18 | 09/14/22 | 242,819 | 640,687 | (23,580) |
| | | 6940259 | C | P069850 | AGREEMENT NO. 134126-5110101 | Checkelsky /Joseph | 09/15/18 | 09/14/21 | 28,345 | 597,306 | 459 |
| | | 6940505 | C | P069850 | AGREEMENT NO. 134126-5110101 | Checkelsky /Joseph | 09/15/18 | 08/31/20 | 0 | 18,509 | 0 |
| | | 6945343 | C | P069850 | AGREEMENT NO. 134126-5110101 | Checkelsky /Joseph | 04/01/21 | 09/01/21 | 12,127 | 24,872 | 0 |
| | 006453 Lawrence Berkeley National Laboratory | 6931128 | C | P069201 | SUBCONTRACT # 7204982 | Alm /Eric J | 10/01/14 | 09/30/22 | 152,561 | 2,212,966 | (42,601) |
| | | 6931129 | C | P069200 | SUBCONTRACT NUMBER 7204982 | Alm /Eric J | 10/01/14 | 09/30/15 | 0 | 149,999 | 0 |
| | | 6941260 | C | P267200 | 7453199 | Oliver /William D | 08/01/19 | 08/31/21 | 59,622 | 600,000 | 0 |
| | | 6946593 | C | P062000 | 7614576 | Kulik /Heather Janine | 10/01/21 | 09/30/22 | 130,933 | 175,000 | 44,067 |
| | 006640 Michigan State I | 6944410 | C | P159900 | RC108389 - MIT | Garcia Ruiz /Ronald Fernando | 09/01/20 | 11/15/22 | 171,423 | 310,518 | 12,882 |
| | 006688 UChicago Argonne, LLC | 6937302 | C | P062000 | SUBCONTRACT NO. 7F-30180 | Green /William H | 07/18/17 | 07/17/22 | 90,481 | 402,000 | (1,569) |
| | | 6939569 | C | P066000 | 8F-30212 | Chiang /Yet-Ming | 10/01/18 | 09/30/22 | 0 | 0 | 0 |
| | | 6939746 | C | P066000 | 8F-30212 | Chiang /Yet-Ming | 10/01/18 | 09/30/22 | 562,056 | 1,664,892 | 11,772 |
| | | 6939747 | C | P066000 | 8F-30212 | Van Vliet /Krystyn J | 10/01/18 | 09/30/22 | 95,799 | 232,966 | 76,059 |
| | | 6939748 | C | P066000 | 8F-30212 | Macfarlane /Robert J | 10/01/18 | 09/30/22 | 75,879 | 659,773 | 9,174 |
| | | 6939749 | C | P062000 | 8F-30212 | Brushett /Fikile R | 10/01/18 | 09/30/22 | 142,363 | 793,839 | 33,143 |
| | | 6941591 | C | P066000 | 8F-30212 | Chiang /Yet-Ming | 09/01/19 | 06/30/20 | 0 | 23,667 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941696 | C | P264000 | 9F-60227 | Khaykovich /Boris | 09/27/19 | 07/31/21 | 8,289 | 29,563 | (0) |
| | | 6941867 | C | P267200 | NO. 9F-60231 | Shao-Horn /Yang | 07/01/19 | 08/31/22 | 339,032 | 660,000 | 57,398 |
| | | 6942999 | C | P066000 | 8F-30212 | Lebeau /James M | 04/01/20 | 09/30/22 | 223,489 | 424,425 | 74,118 |
| | | 6945129 | C | P264000 | WO 2J-30101-0011A | Hu /Lin-Wen | 01/18/21 | 09/30/22 | 129,132 | 230,000 | 41,265 |
| | | 6945491 | C | P068000 | 1F-60479 | Li /Mingda | 06/01/21 | 01/15/22 | 36,191 | 37,185 | (0) |
| | | 6946052 | C | P067952 | AWARD 1F-60487 | Edelman /Alan | 07/22/21 | 07/22/22 | 10,534 | 10,000 | (534) |
| | 006875 Northeastern Ur | 6939896 | C | P417500 | 503036-78052 | Fu /Liang | 05/15/18 | 09/14/22 | (18,345) | 495,543 | (0) |
| | 006876 Northwestern University | 6947187 | C | P152000 | 60051564 MIT | Freedman /Danna Erit | 06/17/21 | 09/14/22 | 147,184 | 284,050 | 136,866 |
| | | 6947217 | C | P152000 | 60038340 MIT | Freedman /Danna Erit | 08/01/21 | 07/31/22 | 86,167 | 100,000 | 13,833 |
| | | 6947231 | C | P152000 | 60057508 MIT | Freedman /Danna Erit | 08/01/21 | 07/31/22 | 114,156 | 170,000 | 55,844 |
| | 007070 Pennsylvania St | 6940065 | C | P243021 | 5952-MIT-DOE-1090 | Hong /Mei | 08/01/18 | 07/31/22 | 162,519 | 770,000 | 125,649 |
| | 007129 SURA / Jeffersc | 6945987 | C | P159900 | JSA-21-C0815 | Kelsey /James E | 08/18/21 | 09/30/22 | 157,860 | 510,760 | 352,900 |
| | 007150 Princeton Unive | 6940086 | C | P152000 | SUB0000289 | Schlau-Cohen /Gabriela S | 08/01/18 | 07/31/22 | 209,394 | 600,000 | 64,499 |
| | 007380 Stanford University | 6943245 | C | P267111 | 62267053-151086 | Englund /Dirk R. | 09/15/19 | 09/14/22 | 185,488 | 354,203 | 54,793 |
| | | 6943805 | C | P267111 | 62267053-151086 | Englund /Dirk R. | 09/15/19 | 09/14/22 | 7,164 | 25,797 | (15,665) |
| | 007405 Southern Califor | 6943431 | C | P153000 | 131471829 | Nakata /Norimitsu | 02/01/20 | 01/31/22 | 7,014 | 31,968 | (0) |
| | 007520 University of Alabama-Birmingham | 6937651 | C | P267600 | 000517656-SC001 | Hong /Kyung-Han | 09/25/17 | 09/24/18 | (229) | 84,793 | (0) |
| | | 6939869 | C | P267600 | 000517656-SC001 | Hong /Kyung-Han | 09/24/18 | 09/24/19 | 2,474 | 86,642 | 0 |
| | 007611 University of Co | 6946516 | C | P267600 | 150512807, PO# 459734 | Smidt /Tess E. | 09/01/21 | 08/31/22 | 32,372 | 387,189 | 354,817 |
| | 007618 University of Co | 6937968 | C | P069201 | SUBAWARD#: 1555955 PO# 1000976: | Voigt /Christopher A. | 09/15/17 | 09/14/22 | 411,673 | 1,925,000 | 32,853 |
| | 007622 Lawrence Livermore National Security, LLC | 6938345 | C | P065004 | B627203 | Buie /Cullen | 04/20/18 | 06/30/22 | 67,970 | 339,304 | (5,413) |
| | | 6943588 | C | P243020 | SUBCONTRACT B640717 | White /Anne E. | 08/18/20 | 05/31/22 | 22,415 | 41,805 | 18,857 |
| | | 6944957 | C | P243020 | B645143 | Frenje /Johan A | 03/22/21 | 12/31/21 | 102,231 | 144,642 | 1,523 |
| | 007630 University of Pe | 6946384 | C | P159900 | 578218 | Harlow /Daniel L. | 09/01/21 | 08/31/22 | 26,829 | 130,000 | 103,171 |
| | 007633 University of Ma | 6944739 | C | P061096 | 94434-Z7124201 | Lozano Duran /Adrian | 07/03/20 | 09/29/22 | 127,725 | 345,626 | 119,250 |
| | 007637 University of Texas - Austin | 6938299 | C | P243020 | UTA18-000276 | Ernst /Darin R | 02/01/18 | 08/31/22 | 21,378 | 826,000 | 315,963 |
| | | 6940002 | C | P061097 | UTA18-001328 | Marzouk /Youssef M | 09/15/18 | 09/14/22 | 266,479 | 704,791 | 128,225 |
| | 007639 University of Wa | 6944510 | C | P417500 | UWSC12397 PO BPO52447 | Gedik /Nuh | 08/15/20 | 08/14/22 | 302,229 | 579,045 | 127,781 |
| | 007841 Worcester Polytechnic Institute | 6942797 | C | P062000 | 10634-GR | Roman /Yuriy | 01/01/19 | 03/31/22 | 49,339 | 258,593 | (14,010) |
| | | 6947466 | C | P062000 | 10634-GR | Roman /Yuriy | 01/01/22 | 06/30/23 | 59,593 | 191,407 | 131,814 |
| | 009001 Lincoln Laborat | 6942991 | C | P267110 | PO# 7000477965 | O'Brien /Kevin | 01/01/20 | 12/31/23 | 188,709 | 437,500 | 25,824 |
| | 010056 Brookhaven National Laboratory | 6934181 | C | P159900 | 313021 | Detmold /William | 05/23/16 | 02/28/22 | (167) | 253,000 | 0 |
| | | 6941332 | C | P159900 | 368338 | Wyslouch /Boleslaw | 08/05/19 | 09/30/22 | 321,806 | 617,283 | 60,596 |
| | | 6943088 | C | P159900 | SUBCONTRACT NO. 380126 | Wyslouch /Boleslaw | 05/04/20 | 03/31/21 | (96,771) | 372,867 | (0) |
| | | 6944121 | C | P159900 | SUBCONTRACT NO. 380126 | Wyslouch /Boleslaw | 07/01/20 | 03/31/21 | (155,075) | 206,176 | 0 |
| | | 6944490 | C | P159900 | SUBK# 390034 | Chuang /Isaac | 02/03/21 | 09/29/22 | 471,830 | 843,714 | 361,438 |
| | | 6944786 | C | P159900 | SUBCONTRACT# 390203 | Milner /Richard G | 01/22/21 | 10/31/21 | (13,836) | 72,773 | 0 |
| | | 6944787 | C | P159900 | SUBCONTRACT# 390988 | Fanelli /Cristiano | 01/29/21 | 09/30/22 | 0 | 7,200 | (186) |
| | | 6944870 | C | P267200 | SUBK# 390034 | Oliver /William D | 02/03/21 | 09/29/22 | 370,629 | 752,875 | 371,684 |
| | | 6944871 | C | P267500 | SUBK# 390034 | Chuang /Isaac | 02/03/21 | 09/29/22 | 21,599 | 21,970 | 371 |
| | | 6944872 | C | P417500 | SUBK# 390034 | Comin /Riccardo | 02/03/21 | 09/29/22 | 239,682 | 369,222 | 61,132 |
| | | 6944921 | C | P159900 | SUBK# 390034 | Van Voorhis /Troy | 02/03/21 | 09/29/22 | 16,031 | 255,978 | 239,947 |
| | | 6944922 | C | P159900 | SUBK# 390034 | Shor /Peter Williston | 02/03/21 | 09/29/22 | 0 | 974,025 | 974,025 |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945737 | C | P417500 | SUBK# 390034 | Comin /Riccardo | 07/01/21 | 09/29/21 | 7,216 | 7,216 | 0 |
| | | 6945919 | C | P159900 | 368338 | Wyslouch /Boleslaw | 07/01/20 | 09/30/22 | 447,899 | 451,609 | 3,710 |
| | | 6946666 | C | P267200 | SUBK# 390034 | Oliver /William D | 02/03/21 | 09/29/22 | 273,350 | 750,000 | 476,650 |
| | 010745 Plasma Processes, LLC | 6938695 | C | P243020 | DE-SC0015931 / PO# 1014-002-JK-05 | Wukitch /Stephen James | 07/31/17 | 07/15/22 | 0 | 200,546 | (9) |
| | | 6940880 | C | P068000 | PO 1015-002-JK-120618 | Shirvan /Koroush | 12/06/18 | 08/01/21 | 14,753 | 120,000 | 0 |
| | | 6947815 | C | P243020 | PO 1017-002-JK-050222 | Wukitch /Stephen James | 05/02/22 | 08/22/22 | 18,045 | 165,744 | 147,699 |
| | 012200 Free Form Fibers LLC | 6944473 | C | P068000 | AGRMT EFFECTIVE 06/01/2020 | Shirvan /Koroush | 06/01/20 | 05/31/21 | (2,470) | 62,500 | (0) |
| | | 6945047 | C | P264000 | AGMT DTD. 08/24/2020 | Shirvan /Koroush | 08/24/20 | 08/23/22 | 171,847 | 200,000 | 8,576 |
| | 102126 Electroformed N | 6939275 | C | P264000 | STTR AGREEMENT 05/21/18 | Khaykovich /Boris | 05/21/18 | 09/20/21 | 28,377 | 176,703 | (0) |
| | 103192 CF Technologie | 6944603 | C | P264000 | PHASE II SBIR AGMT. 10/15/2020 | Kohse /Gordon E | 04/06/20 | 10/05/22 | 145,098 | 265,072 | 118,658 |
| | 103734 Adelphi Techno | 6946147 | C | P264000 | STTR UNDER DE-SC0020555 | Khaykovich /Boris | 05/03/21 | 05/02/23 | 151,706 | 659,969 | 508,263 |
| | 104645 FGC Plasma Sc | 6944471 | C | P065004 | SBIR AGRMNT DTD 12/2/2020 | Heywood /John B | 08/01/20 | 12/31/21 | 21,262 | 30,000 | (4) |
| | 105786 Brookhaven Technology Group, Inc. | 6941954 | C | P243020 | AGMT. DTD. 09/18/2019 | Brisson /John G | 08/19/19 | 07/26/22 | 12,909 | 150,000 | 52,412 |
| | | 6945075 | C | P243020 | AGMT. DTD. 03/16/2021 | Takayasu /Makoto | 06/29/20 | 06/28/21 | (0) | 15,000 | 0 |
| | 107082 Novum Industria | 6945974 | C | P243020 | AGMT. DTD. 06/29/2021 | Kandadai Ravikumar /Dhananjay | 06/29/21 | 03/27/22 | 115,000 | 115,000 | (0) |
| | 108179 Irradiant Techno | 6945691 | C | P065005 | AWD DTD 6/28/2021 | So /Peter T. C. | 02/16/21 | 04/30/22 | 29,574 | 30,000 | 426 |
| | 108741 Silver Fir Softwa | 6947019 | C | P243020 | AGRMT DTD 9/16/2021 | Whyte /Dennis G | 06/28/21 | 06/30/22 | 29,152 | 19,500 | (9,652) |
| | 111293 Fermi Research Alliance, LLC | 6940653 | C | P159900 | 656002 | Paus /Christoph M. E. | 05/01/19 | 06/30/23 | 313,202 | 1,025,778 | 181,151 |
| | | 6940661 | C | P159900 | SUBCONTRACT NO. 655714 | Paus /Christoph M. E. | 05/01/19 | 06/30/23 | 36,262 | 124,207 | 23,278 |
| | | 6944558 | C | P267111 | SUBCONTRACT 672189 | Berggren /Karl K | 10/01/20 | 09/30/22 | 187,812 | 293,942 | 20,276 |
| | | 6945172 | C | P159900 | SUBCONTRACT 675352 | Thaler /Jesse | 09/01/20 | 05/31/23 | 84,893 | 198,187 | 105,862 |
| | | 6946218 | C | P267111 | SUBCONTRACT 672189 | Berggren /Karl K | 10/01/20 | 09/30/22 | 6,195 | 10,000 | 3,805 |
| | | 6946525 | C | P158000 | SUBCONTRACT 682545 | Harris /Philip Coleman | 06/01/21 | 06/30/22 | 32,549 | 48,068 | 15,519 |
| | | 6947843 | C | P267111 | SUBCONTRACT 688370 | Berggren /Karl K | 06/24/22 | 06/23/25 | 0 | 270,000 | 270,000 |
| | **Total by Primary Sponsor** | | | | | | | | **53,020,895** | **199,881,651** | **25,832,018** |
| 000204 DOE - Boston | 102237 Wyss Institute | 6945703 | C | P064000 | CHURCH.DOE.153149.0017 | Kolodziejski /Leslie A | 05/01/21 | 11/30/21 | 36,689 | 36,689 | 0 |
| | | 6946959 | C | P064000 | CHURCH.DOE.150644.0019 | Kolodziejski /Leslie A | 12/01/21 | 05/31/22 | 39,207 | 39,207 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **75,896** | **75,896** | **0** |
| 000209 DOE/NNSA/ALB | 000209 DOE/NNSA/ALB | 6940304 | C | P243020 | DE-NA0003868 | Li /Chikang | 01/01/19 | 03/31/24 | 1,377,580 | 7,228,361 | 2,919,120 |
| | | 6941057 | C | P243020 | DE-NA0003868 | Li /Chikang | 01/01/19 | 03/31/24 | 17,140 | 17,254 | (4,261) |
| | | 6941578 | C | P243020 | DE-NA0003938 | Petrasso /Richard D | 09/03/19 | 09/02/21 | 33,214 | 392,000 | 0 |
| | | 6941852 | C | P243020 | DE-NA0003868 | Li /Chikang | 01/01/19 | 03/31/24 | 248,001 | 754,384 | 129,786 |
| | | 6944188 | C | P065012 | DE-NA0003965 | Marzouk /Youssef M | 06/30/20 | 09/30/22 | 24,415 | 86,111 | 39,106 |
| | | 6944443 | C | P061097 | DE-NA0003965 | Marzouk /Youssef M | 06/30/20 | 09/29/22 | 414,806 | 579,754 | 153,702 |
| | | 6944444 | C | P061093 | DE-NA0003965 | Peraire /Jaime | 06/30/20 | 09/29/22 | 277,329 | 596,866 | 146,215 |
| | | 6944445 | C | P065004 | DE-NA0003965 | Hadjiconstantinou /Nicolas | 06/30/20 | 09/29/22 | 266,019 | 417,698 | 60,150 |
| | | 6944446 | C | P065004 | DE-NA0003965 | Henry /Asegun S | 06/30/20 | 09/29/22 | 180,097 | 288,900 | 63,170 |
| | | 6944447 | C | P067952 | DE-NA0003965 | Edelman /Alan | 06/30/20 | 09/29/22 | 157,669 | 215,233 | 57,564 |
| | | 6944448 | C | P067952 | DE-NA0003965 | Leiserson /Charles E | 06/30/20 | 09/29/22 | 152,850 | 473,365 | 187,630 |
| | | 6944449 | C | P067952 | DE-NA0003965 | Amarasinghe /Saman P | 06/30/20 | 09/29/22 | 24,090 | 149,378 | 125,288 |
| | | 6944450 | C | P062000 | DE-NA0003965 | Kulik /Heather Janine | 06/30/20 | 09/29/22 | 212,782 | 325,895 | 97,101 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945315 | C | P268001 | N000394719 | Velasquez-Heller /Luis Fernand | 04/15/21 | 08/31/22 | 35,102 | 59,622 | (53) |
| | | 6945449 | C | P065004 | DE-NA0003965 | Hadjiconstantinou /Nicolas | 06/30/20 | 09/29/22 | 15,072 | 16,800 | (581) |
| | | 6946122 | C | P243020 | DE-NA0004029 | Frenje /Johan A | 09/01/21 | 09/30/22 | 99,876 | 250,000 | 150,124 |
| | | 6947060 | C | P268001 | N000394719 | Velasquez-Heller /Luis Fernand | 02/24/22 | 08/31/22 | 13,879 | 20,000 | 6,121 |
| | 003165 Honeywell | 6945268 | C | P065004 | PO# N000394905 | Hart /Anastasios John | 04/15/21 | 11/30/21 | 121,180 | 190,000 | 3,996 |
| | 004298 Sandia National Laboratories | 6942032 | C | P243020 | 2080471 | Frenje /Johan A | 10/07/19 | 09/30/21 | (53) | 100,000 | (0) |
| | | 6943065 | C | P065004 | AGREEMENT# 1340868/PO# 2147998 | Hadjiconstantinou /Nicolas | 09/01/20 | 02/18/22 | 58,119 | 136,284 | (6) |
| | | 6944486 | C | P067952 | PURCHASE ORDER: 2196746 | Edelman /Alan | 10/12/20 | 09/30/21 | 19,239 | 59,674 | 0 |
| | | 6946201 | C | P067952 | PURCHASE ORDER: 2304354 | Chlipala /Adam | 09/09/21 | 08/31/22 | 52,725 | 60,000 | 7,275 |
| | | 6946374 | C | P243020 | 2193618 / PO 2304502 | Frenje /Johan A | 10/01/21 | 09/30/22 | 82,859 | 60,000 | (22,859) |
| | | 6946845 | C | P065004 | AGREEMENT# 2193618/PO# 2330765 | Henry /Asegun S | 12/09/21 | 09/30/22 | 54,519 | 80,000 | 25,481 |
| | | 6946962 | C | P067952 | PURCHASE ORDER: 2320355 | Edelman /Alan | 11/01/21 | 09/30/22 | 47,096 | 73,000 | 25,904 |
| | | 6947214 | C | P065004 | CONTRACT# 2193618 / PO# 2355185 | Hadjiconstantinou /Nicolas | 03/09/22 | 09/30/22 | 27,686 | 31,544 | 3,858 |
| | 005140 Brookhaven Sci | 6943488 | C | P267111 | CONTRACT NO. 383445 | Berggren /Karl K | 06/30/20 | 09/30/21 | (22,939) | 200,000 | 0 |
| | 005935 Georgia Institute of Technology | 6942141 | C | P067952 | AWD-000372-G2 | Fisher /John W | 07/01/19 | 09/30/24 | 368,319 | 745,765 | 82,287 |
| | | 6942791 | C | P068000 | AWD-000372-G2 | Short /Michael P | 07/01/19 | 09/30/24 | 202,358 | 275,000 | (142,377) |
| | | 6942792 | C | P067952 | AWD-000372-G2 | How /Jonathan P | 07/01/19 | 09/30/24 | 152,228 | 455,000 | 151,024 |
| | 006688 UChicago Argor | 6943402 | C | P264000 | WO 2J-30101-0010A | Hu /Lin-Wen | 02/01/20 | 09/30/22 | 603,201 | 1,272,144 | 182,070 |
| | 007554 Los Alamos National Security, L.L.C. | 6940672 | C | P067952 | SUBCONTRACT NO. 531711 | Leiserson /Charles E | 05/01/19 | 09/30/22 | 103,296 | 527,250 | 186,298 |
| | | 6945220 | C | P068700 | SUBCONTRACT NO. 628886 | Botterud /Audun | 04/01/21 | 05/31/22 | 85,599 | 89,341 | 1,774 |
| | | 6946899 | C | P068000 | PO #EP34856; SUB NO. CW9131 | Forget /Benoit Robert Yves | 10/01/21 | 09/30/22 | 24,775 | 136,546 | 111,771 |
| | 007622 Lawrence Livermore National Security, LLC | 6940158 | C | P152000 | B631377 | Swager /Timothy M | 01/11/19 | 09/30/22 | 53,905 | 655,000 | (2,542) |
| | | 6943589 | C | P243020 | SUBCONTRACT B640112 | Frenje /Johan A | 07/22/20 | 10/31/22 | 468,566 | 1,606,010 | 325,562 |
| | | 6945389 | C | P066000 | B645222 | Schuh /Christopher A | 05/17/21 | 04/30/23 | 113,929 | 249,994 | 114,780 |
| | | 6947044 | C | P065005 | B650912 | Slocum /Alexander H | 03/03/22 | 09/30/22 | 23,627 | 90,352 | 66,725 |
| | 007680 University of Ro | 6940700 | C | P243020 | 417532G/ UR FAO GR510907 | Frenje /Johan A | 10/01/18 | 09/30/22 | 402,977 | 1,934,150 | 203,243 |
| | 107428 Triad National Security, LLC | 6943684 | C | P264000 | 604325 - BASIC AGMT 485063 | Khaykovich /Boris | 08/17/20 | 09/30/21 | 7,238 | 17,276 | (0) |
| | | 6947654 | C | P264000 | 22206 - BASIC AGMT NO 485063 | Khaykovich /Boris | 05/16/22 | 09/30/23 | 30,408 | 75,000 | 44,592 |
| | | 6947686 | C | P159900 | 23868 - BASIC AGMT NO 485063 | Roland /Gunther M | 05/26/22 | 09/30/24 | 0 | 150,000 | 150,000 |
| | 109991 Honeywell Fede | 6946477 | C | P065005 | PO N000416868 | Portela Galindo /Carlos M | 10/19/21 | 08/31/22 | 72,088 | 80,000 | 7,912 |
| | **Total by Primary Sponsor** | | | | | | | | **6,702,870** | **21,220,953** | **5,656,949** |
| 000212 DOE - Idaho Falls | 000212 DOE - Idaho Falls | 6939578 | C | P264000 | DE-NE0008728 | Kohse /Gordon E | 10/01/18 | 09/30/21 | 188,148 | 631,289 | 254,993 |
| | | 6939821 | C | P264000 | DE-NE0008751 | Khaykovich /Boris | 10/01/18 | 09/30/22 | 139,201 | 781,857 | 20,082 |
| | | 6939880 | C | P068000 | DE-NE0008752 | Shirvan /Koroush | 10/01/18 | 09/30/21 | 54,328 | 669,181 | 0 |
| | | 6941758 | C | P264000 | DE-NE0008872 | Phillips /Bren Andrew | 10/01/19 | 09/30/22 | 119,904 | 366,500 | 43,798 |
| | | 6941783 | C | P068000 | DE-NE0008873 | Golay /Michael W | 10/01/19 | 09/30/22 | 221,780 | 700,000 | 139,246 |
| | | 6941785 | C | P068000 | DE-NE0008871 | Short /Michael P | 10/01/19 | 09/30/22 | 73,341 | 762,823 | 258,239 |
| | | 6944007 | C | P068000 | DE-NE0008966 | Buongiorno /Jacopo | 10/01/20 | 09/30/22 | 256,371 | 440,517 | 112,682 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944033 | C | P068000 | DE-NE008989 | Shirvan /Koroush | 10/01/20 | 09/30/22 | 303,249 | 700,000 | 306,826 |
| | | 6944110 | C | P068000 | DE-NE0008967 | Phillips /Bren Andrew | 10/01/20 | 09/30/23 | 158,364 | 620,000 | 390,958 |
| | | 6944204 | C | P264000 | DE-NE0008999 | Forsberg /Charles W | 10/01/20 | 09/30/23 | 1,119,815 | 4,434,000 | 3,104,377 |
| | | 6944938 | C | P264000 | DE-NE0008872 | Dave /Akshay | 12/15/19 | 09/30/22 | 1,248 | 18,500 | 16,895 |
| | | 6944963 | C | P264000 | DE-NE0009014 | Kohse /Gordon E | 10/27/20 | 09/30/22 | 58,698 | 244,055 | 121,850 |
| | | 6944964 | C | P264000 | DE-NE0009014 | Kohse /Gordon E | 10/27/20 | 09/30/22 | 141,225 | 117,766 | (23,459) |
| | | 6944965 | C | P264000 | DE-NE0009014 | Kohse /Gordon E | 10/27/20 | 09/30/22 | 179,000 | 175,997 | (3,003) |
| | | 6945273 | C | P264000 | DE-NE0008999 | Forsberg /Charles W | 04/01/21 | 09/30/23 | 52,099 | 66,000 | (1,372) |
| | | 6945641 | C | P068000 | DE-NE0008967 | Phillips /Bren Andrew | 10/01/20 | 09/30/22 | 27,421 | 60,000 | 32,579 |
| | | 6945973 | C | P068000 | DE-NE0009049 | Shirvan /Koroush | 07/01/21 | 08/16/22 | 243,144 | 339,005 | 95,861 |
| | | 6946074 | C | P068000 | DE-NE0009049 | Shirvan /Koroush | 07/01/21 | 08/16/22 | 28,995 | 333,775 | 304,780 |
| | | 6946075 | C | P068000 | DE-NE0009049 | Shirvan /Koroush | 07/01/21 | 08/16/22 | 262,501 | 333,775 | 71,274 |
| | | 6946076 | C | P068000 | DE-NE0009049 | Shirvan /Koroush | 07/01/21 | 08/16/22 | 39,723 | 84,592 | 44,868 |
| | | 6946206 | C | P068000 | DE-NE0009155 | Bucci /Matteo | 10/01/21 | 09/30/24 | 62,647 | 680,000 | 617,353 |
| | 005357 General Atomic: | 6943607 | C | P068000 | 4500085050 | Shirvan /Koroush | 02/01/20 | 03/31/21 | (2,382) | 131,656 | (0) |
| | 005951 Battelle Energy Alliance, LLC | 6931265 | C | P068000 | RELEASE 00003/CONTRACT 001125 | Forsberg /Charles W | 10/01/14 | 09/30/16 | 0 | 74,672 | (0) |
| | | 6933487 | C | P068000 | RELEASE 00003/CONTRACT 001125 | Forsberg /Charles W | 10/01/15 | 09/30/16 | 0 | 165,000 | 0 |
| | | 6935703 | C | P068000 | RELEASE 00003/CONTRACT 001125 | Forsberg /Charles W | 10/01/16 | 09/30/17 | 0 | 133,025 | 0 |
| | | 6940384 | C | P264000 | RELEASE 20 /BMC 0112583 | Carpenter /David Michael | 12/20/18 | 09/30/21 | 27,750 | 150,000 | (0) |
| | | 6942013 | C | P402410 | RELEASE 22 /BMC 0112583 | Lienhard /John H | 10/21/19 | 09/30/21 | 208 | 123,638 | (0) |
| | | 6943615 | C | P320000 | RELEASE 24/BMC 112583 | Parsons /John E | 07/01/20 | 09/30/22 | 74,115 | 320,854 | 130,185 |
| | | 6944087 | C | P402410 | RELEASE 22 /BMC 0112583 | Lienhard /John H | 10/01/20 | 09/30/21 | 35,599 | 144,335 | (0) |
| | | 6944836 | C | P068000 | RELEASE 26/BMC 112583 | Li /Ju | 01/11/21 | 09/30/22 | (0) | 0 | 0 |
| | | 6944837 | C | P068000 | RELEASE 25/BMC 112583 | Li /Ju | 01/18/21 | 09/30/22 | (61,739) | 0 | 0 |
| | | 6944986 | C | P068000 | RELEASE 21/BMC 0112583 | Short /Michael P | 01/01/21 | 02/07/22 | 81,474 | 120,531 | 0 |
| | | 6945053 | C | P264000 | RELEASE 27 /BMC 0112583 | Snead /Lance | 03/01/21 | 09/30/22 | 488,415 | 818,989 | 265,944 |
| | | 6945090 | C | P068000 | RELEASE 28/BMC 112583 | Li /Ju | 03/17/21 | 09/30/21 | (17,548) | 39,553 | 0 |
| | | 6945215 | C | P068000 | RELEASE 26/BMC 112583 | Li /Ju | 01/11/21 | 09/30/21 | 9,070 | 30,000 | 17,947 |
| | | 6945279 | C | P068000 | RELEASE 29/BMC 112583 | Short /Michael P | 04/20/21 | 09/30/21 | 3,071 | 9,009 | 0 |
| | | 6945489 | C | P068000 | RELEASE 30/BLANKET MASTER CO. | Buongiorno /Jacopo | 05/25/21 | 09/30/22 | 69,795 | 110,000 | 40,205 |
| | | 6946387 | C | P068000 | RELEASE 29/BMC 112583 | Short /Michael P | 10/01/21 | 09/30/22 | 14,264 | 52,020 | 37,756 |
| | | 6946392 | C | P068000 | RELEASE 25/BMC 112583 | Li /Ju | 01/18/21 | 09/30/21 | 100,000 | 100,000 | 0 |
| | | 6946524 | C | P068000 | CONTRACT NO. 112583 RELEASE 31 | Short /Michael P | 10/01/21 | 09/30/23 | 0 | 100,000 | 100,000 |
| | | 6946654 | C | P068000 | RELEASE 25/BMC 112583 | Li /Ju | 10/01/21 | 09/30/22 | 71,345 | 100,000 | 28,655 |
| | 007070 Pennsylvania St | 6944535 | C | P068000 | S001256-USDOE | Baglietto /Emilio | 10/01/20 | 09/30/23 | 50,749 | 450,000 | 356,436 |
| | 007591 University of Ma | 6938248 | C | P068000 | S51900000036928 | Forsberg /Charles W | 10/01/17 | 09/30/21 | 30,162 | 91,261 | 0 |
| | 007598 University of Te | 6946880 | C | P068000 | A22-0526-S001 | Shirvan /Koroush | 10/01/21 | 09/30/23 | 66,010 | 310,000 | 243,990 |
| | 007676 University of Ca | 6947240 | C | P264000 | PO BB01575432/00010929 | Khaykovich /Boris | 10/01/21 | 09/30/22 | 16,811 | 39,719 | 22,908 |
| | 010745 Plasma Process | 6945493 | C | P068000 | SBIR AGMT DTD 5/26/2021 | Shirvan /Koroush | 07/01/21 | 06/27/22 | 57,545 | 60,000 | 2,455 |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **4,845,917** | **16,233,893** | **7,155,306** |
| 000213 DOE - Oal Ridge | 003511 UT- Battelle LL( | 6936739 | C | P068000 | 4000193546 | Forget /Benoit Robert Yves | 10/01/16 | 09/30/22 | 184,772 | 2,174,060 | 220,079 |
| | | 6937665 | C | P062000 | 40001196573 | Roman /Yuriy | 10/23/17 | 12/30/22 | 326,841 | 1,542,114 | 45,015 |
| | | 6937706 | C | P062000 | 4000158704 | Roman /Yuriy | 12/01/17 | 09/30/19 | 0 | 38,594 | 0 |
| | | 6938156 | C | P061097 | 4000160305 | Marzouk /Youssef M | 01/29/18 | 06/30/21 | 3,882 | 500,981 | (0) |
| | | 6940671 | C | P068000 | CW8043; PO 4000193677 | Forget /Benoit Robert Yves | 05/01/19 | 05/31/22 | 90,040 | 240,000 | (132) |
| | | 6944677 | C | P062000 | 4000158704 | Roman /Yuriy | 12/01/20 | 09/30/21 | 38,880 | 76,791 | 3,819 |
| | | 6944764 | C | P267111 | 4000192798 | Englund /Dirk R. | 10/27/20 | 09/30/22 | 34,587 | 69,550 | 13,703 |
| | | 6945160 | C | P267111 | 4000183826 | Englund /Dirk R. | 10/27/20 | 09/30/22 | 33,664 | 74,450 | 39,444 |
| | | 6946311 | C | P061093 | 4000192102/4000193721 | Darmofal /David L | 09/30/21 | 09/29/23 | 151,737 | 398,468 | 246,731 |
| | | 6947255 | C | P061093 | CW31155, PO# 4000198874 | Darmofal /David L | 03/25/22 | 03/31/23 | 23,497 | 90,716 | 67,219 |
| | 006120 Harvard Univers | 6944182 | C | P066000 | 124180 | Anikeeva /Polina Olegovna | 09/01/20 | 08/31/21 | 6,976 | 42,939 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **894,876** | **5,248,664** | **635,878** |
| 000214 DOE - Las Vegas | 105506 Mission Suppor | 6942283 | C | P061097 | 231648 | Marzouk /Youssef M | 10/22/19 | 09/30/21 | 37,862 | 211,088 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **37,862** | **211,088** | **0** |
| 000216 DOE-Golden Colorado | 000216 DOE-Golden Colorado | 6934910 | C | P065004 | DE-EE0007535 | Buonassisi /Anthony | 08/01/16 | 01/31/20 | (860) | 1,124,143 | (0) |
| | | 6937224 | C | P062000 | DE-EE0007982 | Green /William H | 01/15/17 | 12/31/20 | 2,155 | 372,775 | 0 |
| | | 6939224 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 01/31/22 | 9,459 | 1,797,952 | 331 |
| | | 6939770 | C | P065004 | DE-EE0008381 | Henry /Asegun S | 05/31/18 | 03/31/21 | (19) | 1,892,185 | (0) |
| | | 6939776 | C | P065004 | DE-EE0008375 | Henry /Asegun S | 05/15/18 | 03/31/21 | 0 | 1,681,101 | 0 |
| | | 6940389 | C | P267500 | DE-EE0008558 | Kim /Jeehwan | 03/01/19 | 09/30/23 | (114,719) | 460,483 | 93,765 |
| | | 6940708 | C | P267500 | DE-EE0008558 | Kim /Jeehwan | 03/01/19 | 09/30/23 | 132,022 | 516,999 | 52,907 |
| | | 6940971 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 05/01/19 | 07/31/21 | 9,234 | 19,323 | 0 |
| | | 6940972 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 05/01/19 | 07/31/21 | 1,391 | 6,359 | 0 |
| | | 6942119 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 07/31/21 | (1,160) | 0 | 0 |
| | | 6942120 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 07/31/21 | 3,050 | 12,022 | 0 |
| | | 6942121 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 07/31/21 | 3,099 | 10,285 | 0 |
| | | 6942156 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 11/01/19 | 07/31/21 | 0 | 6,044 | 0 |
| | | 6942689 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 04/30/20 | 0 | 8,313 | 0 |
| | | 6942926 | C | P066000 | DE-EE0008830 | Tasan /Cemal | 10/01/19 | 05/31/23 | 0 | 0 | 0 |
| | | 6943055 | C | P066000 | DE-EE0008830 | Tasan /Cemal | 10/01/19 | 05/31/23 | 171,376 | 571,409 | 121,711 |
| | | 6943056 | C | P066000 | DE-EE0008830 | Li /Ju | 10/01/19 | 05/31/23 | 83,076 | 226,941 | (48) |
| | | 6943057 | C | P066000 | DE-EE0008830 | Tasan /Cemal | 10/01/19 | 05/31/23 | 116,000 | 201,650 | (0) |
| | | 6943601 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 07/31/21 | 3,575 | 13,343 | 0 |
| | | 6946155 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 01/16/18 | 09/01/21 | 20,299 | 20,299 | 0 |
| | 003165 Honeywell | 6947033 | C | P065004 | PO# N000428740 | Hart /Anastasios John | 02/11/22 | 08/31/22 | 86,839 | 152,000 | 65,161 |
| | 003511 UT- Battelle LL( | 6937872 | C | P065004 | 4000159358 | Hart /Anastasios John | 12/04/17 | 05/31/20 | (253,489) | 106,370 | (0) |
| | | 6939467 | C | P065004 | 4000164925 | Hart /Anastasios John | 09/11/18 | 08/31/21 | 44,913 | 303,882 | (0) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942828 | C | P065004 | 4000159358 | Hart /Anastasios John | 12/01/19 | 04/15/20 | 0 | 11,130 | 0 |
| | 006788 National Renewable Energy Laboratory | 6942931 | C | P062000 | UGA-0-41029-22 | Roman /Yuriy | 11/26/19 | 04/05/21 | 9,863 | 150,927 | (0) |
| | | 6946023 | C | P266301 | UGA-0-41029-26 | Chryssostomidis /Chryssostomo | 09/07/21 | 09/30/21 | 14,999 | 14,999 | 0 |
| | | 6947296 | C | P266301 | UGA-0-41029-29 | Chryssostomidis /Chryssostomo | 04/15/22 | 09/30/22 | 4,799 | 15,000 | 10,201 |
| | 007794 Washington Sta | 6938562 | C | P065004 | 130616 SPC001315 | Annaswamy /Anuradha M | 10/02/17 | 10/01/22 | 59,214 | 517,500 | 83,322 |
| | 101602 Superconductor | 6937244 | C | P243020 | AGMT. DTD. 07/01/2017 | Bromberg /Leslie | 07/01/17 | 09/30/18 | 2 | 104,864 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **405,116** | **10,318,297** | **427,349** |
| 000220 DOE-NETL | 000220 DOE-NETL | 6939182 | C | P417500 | DE-FE0031668 | Tuller /Harry L | 08/17/18 | 08/16/21 | (388) | 500,000 | (0) |
| | | 6939447 | C | P065005 | DE-FE0031677 | Wang /Evelyn | 10/01/18 | 09/30/21 | 54,278 | 750,000 | 0 |
| | | 6943059 | C | P267500 | DE-EE0009165 | Baldo /Marc A | 04/01/20 | 03/31/23 | 315,695 | 1,268,299 | 525,340 |
| | | 6943728 | C | P267200 | DE-EE0009165 | Van Voorhis /Troy | 04/01/20 | 03/31/23 | 101,388 | 231,701 | 19,071 |
| | | 6943919 | C | P065004 | DE-OE0000920 | Annaswamy /Anuradha M | 08/01/20 | 07/31/23 | 460,300 | 1,850,000 | 1,085,562 |
| | | 6944804 | C | P035000 | DE-EE0009211 | Zhao /Jinhua | 10/01/20 | 05/31/22 | 0 | 413,120 | 413,120 |
| | | 6944805 | C | P035000 | DE-EE0009211 | Zhao /Jinhua | 10/01/20 | 05/31/22 | 304,809 | 499,945 | 98,783 |
| | | 6946243 | C | P065005 | DE-EE0009679 | Wang /Evelyn | 10/01/21 | 09/30/22 | 458,198 | 2,623,595 | 2,165,397 |
| | | 6947445 | C | P035000 | DE-EE0009211 | Zhao /Jinhua | 05/31/22 | 05/31/23 | 8,182 | 399,435 | 391,253 |
| | 003511 UT- Battelle LLC | 6942741 | C | P267111 | 4000192753/4000177261 | Grossman /Jeffrey C. | 01/27/20 | 12/31/22 | 27,505 | 270,000 | (856) |
| | | 6945440 | C | P267111 | 4000177261 | Grossman /Jeffrey C. | 01/01/21 | 12/31/22 | 235,356 | 270,000 | 34,644 |
| | 007546 University of Illir | 6941114 | C | P063007 | 092266-17209 | Juanes /Ruben | 10/01/18 | 09/30/22 | 102,589 | 496,250 | (47) |
| | **Total by Primary Sponsor** | | | | | | | | **2,067,912** | **9,572,345** | **4,732,267** |
| 000221 DOE - Office of ARPA-E | 000221 DOE - Office of ARPA-E | 6929166 | C | P062000 | DE-AR0000433 | Stephanopoulos /Gregory | 02/03/14 | 06/30/17 | (4,274) | 409,309 | 0 |
| | | 6940248 | C | P065004 | DE-AR0001005 | Henry /Asegun S | 02/04/19 | 02/03/22 | 83,622 | 570,708 | 0 |
| | | 6941406 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 283,300 | 678,198 | 107,426 |
| | | 6941408 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 0 | 9,000 | 4,780 |
| | | 6941409 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 87,848 | 363,084 | 138,717 |
| | | 6941410 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 0 | 82,831 | 0 |
| | | 6941596 | C | P065005 | DE-AR0001130 | Wang /Evelyn | 06/14/19 | 08/21/22 | 360,098 | 1,142,778 | (73,748) |
| | | 6941854 | C | P065005 | DE-AR0001130 | Wang /Evelyn | 06/14/19 | 08/21/22 | 25,856 | 34,652 | 1,574 |
| | | 6941876 | C | P065004 | DE-AR0001005 | Henry /Asegun S | 02/04/19 | 02/03/22 | 35,846 | 38,162 | 0 |
| | | 6942000 | C | P065005 | DE-AR0001130 | Wang /Evelyn | 06/14/19 | 08/21/22 | 1,916 | 32,389 | 7,115 |
| | | 6942055 | C | P068000 | DE-AR0001154 | Shirvan /Koroush | 10/15/19 | 05/31/22 | 56,680 | 187,624 | 316 |
| | | 6942856 | C | P031000 | DE-AR0001133 | Goulthorpe /Mark | 12/09/19 | 03/08/23 | 341,598 | 1,526,290 | 694,498 |
| | | 6942858 | C | P031000 | DE-AR0001133 | Goulthorpe /Mark | 03/09/20 | 03/08/23 | 24,929 | 102,960 | 3,093 |
| | | 6943085 | C | P065004 | DE-AR0001005 | Henry /Asegun S | 02/04/19 | 02/03/22 | 0 | 98,211 | 0 |
| | | 6943092 | C | P065005 | DE-AR0001218 | Wang /Evelyn | 04/03/20 | 10/02/22 | 123,535 | 490,418 | 34,963 |
| | | 6943165 | C | P068700 | DE-AR0001218 | Broderick /Tamara A | 04/03/20 | 10/02/22 | 222,315 | 375,000 | (4) |
| | | 6943166 | C | P067952 | DE-AR0001218 | Leonard /John J | 04/03/20 | 10/02/22 | 167,437 | 375,000 | 86,732 |
| | | 6943530 | C | P066000 | DE-AR0001220 | Gomez-Bombarelli /Rafael | 06/24/20 | 12/23/22 | 0 | 0 | 0 |
| | | 6943808 | C | P066000 | DE-AR0001220 | Gomez-Bombarelli /Rafael | 06/24/20 | 12/23/22 | 221,442 | 779,892 | 333,251 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943809 | C | P066000 | DE-AR0001220 | Olivetti /Elsa A | 06/24/20 | 12/23/22 | 203,826 | 480,386 | 246,569 |
| | | 6943810 | C | P267200 | DE-AR0001220 | Shao-Horn /Yang | 06/24/20 | 12/23/22 | 190,419 | 378,557 | 76,838 |
| | | 6943811 | C | P065005 | DE-AR0001220 | Varanasi /Kripa | 06/24/20 | 12/23/22 | 145,992 | 282,700 | 37,631 |
| | | 6943812 | C | P066000 | DE-AR0001220 | Gomez-Bombarelli /Rafael | 06/24/20 | 12/23/22 | 0 | 24,368 | 24,368 |
| | | 6943813 | C | P066000 | DE-AR0001220 | Gomez-Bombarelli /Rafael | 06/24/20 | 06/23/22 | 33,600 | 108,496 | 74,896 |
| | | 6943899 | C | P243020 | DE-AR0001261 | Wright /John C | 08/11/20 | 02/10/24 | 223,005 | 785,000 | 429,728 |
| | | 6944169 | C | P267200 | DE-AR0001220 | Shao-Horn /Yang | 06/24/20 | 12/23/22 | 100,357 | 149,788 | 22,573 |
| | | 6944579 | C | P068000 | DE-AR0001295 | Baglietto /Emilio | 10/01/20 | 09/30/22 | 204,075 | 640,893 | 308,003 |
| | | 6944592 | C | P264000 | DE-AR0001298 | Kohse /Gordon E | 09/30/20 | 09/29/22 | 231,358 | 899,825 | 610,223 |
| | | 6944594 | C | P264000 | DE-AR0001298 | Kohse /Gordon E | 09/30/20 | 09/29/22 | 0 | 0 | (7,362) |
| | | 6944758 | C | P068000 | DE-AR0001295 | Baglietto /Emilio | 10/01/20 | 09/30/22 | 0 | 24,816 | 24,816 |
| | | 6944759 | C | P068000 | DE-AR0001295 | Baglietto /Emilio | 10/01/20 | 09/30/22 | 169,893 | 472,130 | 232,032 |
| | | 6944866 | C | P320000 | DE-AR0001311 | Herzog /Howard J | 11/10/20 | 05/31/22 | 319,620 | 518,229 | 15,326 |
| | | 6945205 | C | P065004 | DE-AR0001434 | Hart /Anastasios John | 04/05/21 | 10/04/22 | 198,544 | 452,500 | 248,269 |
| | | 6945206 | C | P062000 | DE-AR0001409 | Hatton /Trevor Alan | 02/24/21 | 02/23/23 | 248,353 | 589,431 | 295,098 |
| | | 6945232 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 183,646 | 275,793 | 92,147 |
| | | 6945255 | C | P264000 | DE-AR0001154 | Carpenter /David Michael | 10/15/19 | 05/31/22 | 260,516 | 312,376 | 51,860 |
| | | 6945421 | C | P320000 | DE-AR0001311 | Herzog /Howard J | 11/10/20 | 06/30/22 | 201,842 | 237,111 | 32,951 |
| | | 6945516 | C | P066000 | DE-AR0001395 | Chiang /Yet-Ming | 12/01/20 | 05/31/23 | 0 | 0 | (0) |
| | | 6945565 | C | P065005 | DE-AR0001218 | Wang /Evelyn | 04/03/20 | 10/02/22 | 1,491 | 67,500 | 64,503 |
| | | 6945704 | C | P066000 | DE-AR0001395 | Chiang /Yet-Ming | 12/01/20 | 05/31/23 | 383,533 | 314,106 | (69,427) |
| | | 6945705 | C | P066000 | DE-AR0001395 | Olivetti /Elsa A | 12/01/20 | 05/31/22 | 60,848 | 139,254 | 78,406 |
| | | 6945706 | C | P066000 | DE-AR0001395 | Chiang /Yet-Ming | 12/01/20 | 05/31/23 | 0 | 187,606 | 187,606 |
| | | 6945805 | C | P068000 | DE-AR0001434 | Li /Ju | 04/05/21 | 10/04/22 | 92,961 | 100,000 | 7,039 |
| | | 6945820 | C | P062000 | DE-AR0001409 | Hatton /Trevor Alan | 02/24/21 | 02/23/23 | 0 | 60,569 | 60,569 |
| | | 6946204 | C | P062000 | DE-AR0001511 | Stephanopoulos /Gregory | 09/22/21 | 03/31/24 | 260,362 | 1,424,793 | 1,164,431 |
| | | 6946346 | C | P062000 | DE-AR0001511 | Stephanopoulos /Gregory | 09/22/21 | 03/31/24 | 0 | 683,739 | 683,739 |
| | | 6946383 | C | P320000 | DE-AR0001311 | Herzog /Howard J | 11/10/20 | 06/30/22 | 25,280 | 47,870 | 22,590 |
| | | 6946603 | C | P065005 | DE-AR0001218 | Wang /Evelyn | 05/01/20 | 05/31/22 | 41,771 | 42,082 | 311 |
| | | 6946768 | C | P065004 | DE-AR0001005 | Henry /Asegun S | 02/04/19 | 02/01/22 | 42,919 | 42,919 | 0 |
| | | 6946819 | C | P320000 | DE-AR0001311 | Herzog /Howard J | 11/10/20 | 05/31/22 | 17,230 | 6,790 | (10,440) |
| | | 6946871 | C | P264000 | DE-AR0001154 | Carpenter /David Michael | 10/01/21 | 04/14/22 | 0 | 0 | 0 |
| | | 6946931 | C | P065004 | DE-AR0001434 | Hart /Anastasios John | 01/24/22 | 10/04/22 | 19,668 | 30,500 | 10,832 |
| | | 6946932 | C | P065004 | DE-AR0001434 | Hart /Anastasios John | 01/24/22 | 10/04/22 | 12,519 | 17,000 | 4,481 |
| | | 6947432 | C | P243020 | DE-AR0001542 | Whyte /Dennis G | 04/11/22 | 04/10/24 | 95,884 | 2,862,320 | 2,766,436 |
| | | 6947775 | C | P063007 | DE-AR0001527 | Plata /Desiree Louise | 03/05/22 | 06/02/25 | 0 | 3,722,376 | 3,722,376 |
| | 002730 Electric Power F | 6944533 | C | P068000 | 10013019 | Shirvan /Koroush | 10/01/20 | 09/30/22 | 129,354 | 209,130 | 56,891 |
| | 003511 UT- Battelle LLC | 6942904 | C | P068000 | 4000176148 | Forget /Benoit Robert Yves | 11/10/19 | 12/31/21 | 70,143 | 245,832 | (0) |
| | 005274 Boston Universi | 6944604 | C | P121012 | 4500003689 | Bertsimas /Dimitris J | 08/28/20 | 08/27/22 | 153,352 | 598,699 | 404,532 |
| | | 6944891 | C | P121012 | 4500003689 | Bertsimas /Dimitris J | 08/28/20 | 08/27/22 | 16,609 | 58,833 | 42,224 |
| | 005423 Carnegie-Mellor | 6943896 | C | P067952 | 1070259-433468 | Edelman /Alan | 06/15/20 | 06/14/22 | 129,100 | 160,001 | (3,409) |
| | 005508 Columbia Unive | 6944420 | C | P067952 | SUBAWARD 5(GG008711-10) | Ghobadi /Manya | 09/25/20 | 09/24/22 | 171,674 | 200,000 | 17,655 |
| | 006459 Lehigh Universil | 6944133 | C | P068700 | 544241-78001 | Botterud /Audun | 08/11/20 | 06/30/22 | 84,198 | 190,899 | 4,429 |
| | | 6944296 | C | P068700 | 544241-78001 | Botterud /Audun | 08/11/20 | 06/30/22 | 0 | 37,250 | 37,250 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 006688 UChicago Argonne, LLC | 6947542 | C | P068000 | DE-AR0001578 | Forget /Benoit Robert Yves | 04/29/22 | 04/28/25 | 4,175 | 652,450 | 648,275 |
| | | 6947655 | C | P068000 | DE-AR0001578 | Forget /Benoit Robert Yves | 04/29/22 | 04/28/25 | 0 | 163,775 | 163,775 |
| | | 6947656 | C | P068000 | DE-AR0001578 | Forget /Benoit Robert Yves | 04/29/22 | 04/28/25 | 0 | 713,775 | 713,775 |
| | 006856 The Research F | 6945738 | C | P264000 | 90589/2/1166708 | Kohse /Gordon E | 03/15/21 | 03/14/24 | 142,688 | 536,572 | 393,884 |
| | 006876 Northwestern U | 6943770 | C | P417500 | 60056489 MIT | Olivetti /Elsa A | 04/28/20 | 05/31/22 | 129,785 | 267,945 | 62,144 |
| | 007232 Research Foundation of SUNY Buffalo | 6940392 | C | P068000 | PO R1154215 | Shirvan /Koroush | 09/17/18 | 12/31/21 | 16,092 | 143,901 | 0 |
| | | 6940393 | C | P068000 | PO R1154214 | Shirvan /Koroush | 09/17/18 | 12/31/21 | 6,464 | 6,619 | 0 |
| | 007647 University of Wi | 6946127 | C | P243020 | 1336 | Whyte /Dennis G | 10/01/20 | 03/31/22 | 8,492 | 29,475 | 20,983 |
| | 007726 University of Mi | 6943064 | C | P060600 | C00069059-2 | Palacios /Tomas | 10/19/19 | 12/19/21 | 228,172 | 411,698 | 0 |
| | 010946 Brayton Energy | 6940431 | C | P061096 | AGREEMENT DTD 2/6/19 | Tan /Choon S | 01/01/19 | 05/31/21 | (538) | 260,152 | (0) |
| | 011094 Phoenix, LLC | 6945060 | C | P243020 | SUBCONTRACT AGRMT DTD. 01/01/ | Short /Michael P | 03/08/21 | 03/07/23 | 21,298 | 35,703 | 11,778 |
| | 102885 Via Separations LLC | 6942309 | C | P152000 | AGMT. DTD. 8/1/19 | Swager /Timothy M | 06/01/19 | 08/31/22 | 140,958 | 600,000 | (27,034) |
| | | 6942461 | C | P062000 | AGMT. DTD. 8/1/19 | Smith /Zachary P | 08/01/19 | 08/31/22 | 69,805 | 400,000 | 1,680 |
| | 104527 AltaRock Energ | 6942705 | C | P243020 | 1051-2 | Woskov /Paul P | 09/09/19 | 09/08/23 | 278,668 | 996,241 | 351,560 |
| | 104563 Form Energy, Ir | 6941805 | C | P066000 | SUBCONTRACT RESEARCH AGREEI | Chiang /Yet-Ming | 07/31/19 | 02/28/23 | 108,880 | 451,628 | 102,763 |
| | 106556 Sequoia Scientific, Inc. | 6943628 | C | P065005 | DE-AR0001232-MIT | Peacock /Thomas | 07/08/20 | 12/31/22 | 70,453 | 51,640 | (18,813) |
| | | 6946868 | C | P065005 | DE-AR0001232-MIT | Peacock /Thomas | 12/01/21 | 12/31/22 | 13,823 | 33,000 | 19,177 |
| | 106915 Type One Energy Group | 6943686 | C | P243020 | DE-AR0001287 | Granetz /Robert S | 08/18/20 | 09/07/22 | 54,511 | 222,302 | 26,270 |
| | | 6947152 | C | P243020 | DE-AR0001287 | Granetz /Robert S | 08/18/20 | 09/07/22 | 28,023 | 41,000 | 12,978 |
| | 107375 Raytheon Techr | 6940860 | C | P062000 | RESEARCH AGREEMENT # 2606669 | Brushett /Fikile R | 04/22/19 | 04/22/22 | 64,303 | 406,843 | 0 |
| | 107529 Bridge 12 Techr | 6945470 | C | P243020 | AGRMT. DTD. 3/22/2021 | Wukitch /Stephen James | 03/22/21 | 09/21/22 | 91,892 | 141,625 | 40,033 |
| | 107929 Julia Computing | 6944807 | C | P067952 | AGREEMENT DATED | Edelman /Alan | 10/01/20 | 09/30/21 | 67,986 | 69,142 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **8,302,023** | **32,014,457** | **15,930,928** |
| 000222 DOE/NNSA/Washington | 007622 Lawrence Liver | 6944481 | C | P243020 | B643497 | Terry /James L | 12/22/20 | 12/21/21 | 35,710 | 75,000 | 0 |
| | 007641 University of Michigan | 6943018 | C | P068000 | PO 3005787040 / SUBK00009794 | Danagoulian /Areg | 09/20/19 | 09/19/22 | 206,315 | 567,150 | 83,460 |
| | | 6943251 | C | P069201 | PO 3005787040 / SUBK00009794 | Alm /Eric J | 09/20/19 | 09/19/22 | 189,968 | 372,880 | 3,186 |
| | | 6945882 | C | P068000 | PO 3005787040 / SUBK00009794 | Danagoulian /Areg | 08/01/21 | 09/19/22 | 4,755 | 24,750 | 19,995 |
| | 106965 Fluor Marine Propulsion | 6942196 | C | P068000 | PO 135265 / LINE ITEM 1 | Bucci /Matteo | 09/26/19 | 06/30/23 | 322,347 | 1,024,854 | 467,148 |
| | | 6944956 | C | P068000 | PO#: 140712 | Bucci /Matteo | 03/01/21 | 03/01/24 | 73,258 | 489,801 | 305,833 |
| | | 6945538 | C | P068000 | PO 140518 | Buongiorno /Jacopo | 03/04/21 | 03/04/26 | 0 | 50,338 | 50,338 |
| | | 6945883 | C | P068000 | PO 140518 | Shirvan /Koroush | 08/03/21 | 11/30/22 | 54,143 | 59,662 | 5,519 |
| | | 6947593 | C | P068000 | PO 135265 / LINE ITEM 1 | Bucci /Matteo | 04/01/22 | 06/30/23 | 22,901 | 60,400 | 37,499 |
| | **Total by Primary Sponsor** | | | | | | | | **909,396** | **2,724,835** | **972,978** |
| 000223 DOE - Office of Fossil Energy | 000223 DOE - Office of Fossil Energy | 6946191 | C | P068000 | DE-FE0032102 | Yildiz /Bilge | 10/01/21 | 09/30/23 | 197,753 | 711,225 | 513,472 |
| | | 6946228 | C | P031000 | DE-FE0032082 | Goulthorpe /Mark | 10/01/21 | 09/30/22 | 118,941 | 375,810 | 256,869 |
| | | 6946343 | C | P068000 | DE-FE0032102 | Yildiz /Bilge | 10/01/21 | 09/30/23 | 60,582 | 288,775 | 228,193 |
| | | 6947075 | C | P417500 | DE-FE0032082 | Kirchain /Randolph E | 09/01/21 | 08/31/22 | 50,266 | 148,000 | 97,734 |
| | **Total by Primary Sponsor** | | | | | | | | **427,542** | **1,523,810** | **1,096,268** |
| 000225 DOE - U.S. Energy Information Administration | 007714 University of Arkansas | 6935475 | C | P068700 | SA1712153 | Ilic /Marija | 08/01/16 | 12/31/21 | 0 | 81,824 | 0 |
| | | 6936709 | C | P068700 | SA1712153 | Ilic /Marija | 08/01/17 | 07/31/19 | 0 | 99,838 | (0) |
| | | 6942737 | C | P068700 | SA1712153 | Ilic /Marija | 08/01/19 | 12/31/21 | 83,155 | 139,062 | (4) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 104968 Oxeon Energy, LLC | 6945382 | C | P068000 | AGRMT DATED 05/01/2021 | Yildiz /Bilge | 05/01/21 | 04/01/22 | 139,223 | 157,562 | 1,584 |
| | | 6945533 | C | P068000 | AGRMT DATED 05/01/2021 | Yildiz /Bilge | 05/01/21 | 04/01/22 | 22,438 | 22,438 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **244,817** | **500,724** | **1,580** |
| 000226 U.S. Department of Energy, Office of Science | 006120 Harvard Univers | 6946687 | C | P068700 | 124369-5120804 | Rakhlin /Alexander | 09/01/21 | 08/31/22 | 13,194 | 115,000 | 101,806 |
| | 006453 Lawrence Berkeley National Laboratory | 6945630 | C | P267200 | RES SUBCONTRACT #7571809 | Oliver /William D | 02/24/21 | 09/30/25 | 1,561 | 0 | (1,561) |
| | | 6945631 | C | P267200 | RESEARCH SUBCONTRACT NO. 757 | Oliver /William D | 02/24/21 | 09/30/25 | 197,266 | 723,033 | 525,768 |
| | | 6945632 | C | P267111 | RESEARCH SUBCONTRACT NO. 757 | Englund /Dirk R. | 02/24/21 | 09/30/25 | 447 | 78,151 | 77,704 |
| | | 6945633 | C | P267100 | RESEARCH SUBCONTRACT NO. 757 | Vuletic /Vladan | 02/24/21 | 09/30/25 | 293,451 | 896,249 | 602,797 |
| | | 6945634 | C | P159900 | RESEARCH SUBCONTRACT NO. 757 | Harrow /Aram W. | 02/24/21 | 09/30/25 | 109,392 | 289,214 | 179,821 |
| | | 6947136 | C | P067952 | SUBAWARD # 7588799 | Edelman /Alan | 03/09/22 | 05/31/23 | 31,522 | 125,000 | 93,478 |
| | | 6947633 | C | P068000 | RESEARCH SUBCONTRACT NO. 764 | Wainwright /Haruko M | 05/10/22 | 08/31/23 | 28,303 | 245,000 | 216,697 |
| | | 6947801 | C | P153000 | 7648833 | Frank /William B | 06/13/22 | 07/31/23 | 0 | 91,766 | 91,766 |
| | | 6947802 | C | P153000 | 7648834 | Frank /William B | 06/10/22 | 02/28/23 | 0 | 52,435 | 52,435 |
| | 006688 UChicago Argor | 6946703 | C | P152000 | 2F-60027 | Freedman /Danna Erit | 11/19/21 | 11/05/22 | 124,070 | 178,500 | 54,430 |
| | 006788 National Renew | 6941550 | C | P062000 | NO. UGA-0-41029-21 | Roman /Yuriy | 09/25/19 | 09/24/22 | 47,892 | 225,000 | 86,727 |
| | 007533 University of Ca | 6940325 | C | P067952 | KK1939 | Daskalakis /Konstantinos | 09/15/18 | 09/14/22 | 137,970 | 600,000 | 176,081 |
| | 007617 University of Minnesota | 6940177 | C | P062000 | A004527506 | Kulik /Heather Janine | 08/01/18 | 07/31/22 | 0 | 0 | 0 |
| | | 6940178 | C | P062000 | A004527506 | Kulik /Heather Janine | 08/01/18 | 07/31/19 | 0 | 101,983 | (0) |
| | | 6941840 | C | P062000 | A004527506 | Kulik /Heather Janine | 08/01/19 | 07/31/20 | 0 | 89,890 | 0 |
| | | 6944339 | C | P062000 | A004527506 | Kulik /Heather Janine | 08/01/20 | 07/31/21 | 14,987 | 121,083 | 0 |
| | | 6946505 | C | P062000 | A004527506 | Kulik /Heather Janine | 08/01/21 | 07/31/22 | 112,870 | 127,044 | 14,174 |
| | 104645 FGC Plasma Solutions | 6941160 | C | P065004 | STTR AGMT DTD. 7/1/19 | Ghoniem /Ahmed F | 07/01/19 | 06/30/20 | 4,133 | 117,448 | 0 |
| | | 6941684 | C | P065004 | AGMT SIGNED 10/11/2019 | Ghoniem /Ahmed F | 09/01/19 | 08/31/22 | 185,893 | 563,716 | 17,293 |
| | 108991 Arzeda Corpora | 6947820 | C | P069201 | | Voigt /Christopher A. | 09/01/21 | 08/31/22 | 23,542 | 0 | (23,542) |
| | **Total by Primary Sponsor** | | | | | | | | **1,326,492** | **4,740,512** | **2,265,875** |
| 000229 DOE - Office of Energy Efficiency and Renewable Energy | 000229 DOE - Office of Energy Efficiency and Renewable Energy | 6944124 | C | P417500 | DE-EE0009096 09/01 | Olivetti /Elsa A | 09/01/20 | 02/28/22 | 14,404 | 4,399 | (10,005) |
| | | 6944244 | C | P417500 | DE-EE0009096 09/01 | Olivetti /Elsa A | 09/01/20 | 02/28/22 | 81,246 | 326,557 | 99,056 |
| | | 6944245 | C | P267110 | DE-EE0009096 09/01 | Buonassisi /Anthony | 09/01/20 | 02/28/22 | 107 | 184,700 | 110,686 |
| | | 6944246 | C | P267200 | DE-EE0009096 09/01 | Shao-Horn /Yang | 09/01/20 | 02/28/22 | 196,190 | 534,928 | 88,393 |
| | | 6944247 | C | P417500 | DE-EE0009096 09/01 | Gomez-Bombarelli /Rafael | 09/01/20 | 02/28/22 | 138,060 | 283,502 | 17,974 |
| | | 6945157 | C | P267110 | DE-EE0009366 | Buonassisi /Anthony | 03/01/21 | 10/31/22 | 61,554 | 139,145 | 22,213 |
| | | 6945557 | C | P267110 | DE-EE0009366 | Buonassisi /Anthony | 03/01/21 | 10/31/22 | 85,829 | 160,855 | 75,026 |
| | | 6946125 | C | P267500 | DE-EE0009512 | Bulovic /Vladimir | 08/01/21 | 07/31/23 | 398,050 | 467,706 | 69,656 |
| | | 6946430 | C | P267500 | DE-EE0009512 | Bawendi /Moungi G | 08/01/21 | 07/31/23 | 309,745 | 469,468 | 159,723 |
| | 005935 Georgia Institute | 6942401 | C | P402400 | AWD-000286-G2 | Fernandez /John | 08/01/19 | 07/31/22 | 131,246 | 250,000 | 9,699 |
| | 006453 Lawrence Berke | 6946672 | C | P402410 | 7601691 | Lienhard /John H | 12/10/21 | 09/30/23 | 47,883 | 202,195 | 154,312 |
| | 006788 National Renewable Energy Laboratory | 6943104 | C | P417500 | UGA-0-41029-23 | Olivetti /Elsa A | 04/28/20 | 09/30/22 | 88,980 | 200,052 | (920) |
| | | 6946422 | C | P062000 | UGA-0-41029-25 | Roman /Yuriy | 10/15/21 | 10/14/22 | 355,216 | 710,000 | 354,784 |
| | | 6946729 | C | P065004 | UGA-0-41029-27 | Henry /Asegun S | 12/22/21 | 09/30/22 | 63,925 | 146,837 | 82,912 |
| | | 6946802 | C | P062000 | UGA-0-41029-00 | Roman /Yuriy | 12/20/21 | 12/19/22 | 0 | 200,000 | 200,000 |
| | | 6947553 | C | P320000 | UGA-0-41029-30 | Knittel /Christopher Roland | 05/15/22 | 10/31/22 | 0 | 150,001 | 150,001 |
| | 007150 Princeton Unive | 6944958 | C | P031000 | SUB0000466 | Norford /Leslie Keith | 07/01/20 | 06/30/22 | 40,194 | 51,245 | 11,051 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007180 Purdue Universi | 6944430 | C | P065004 | 14000497-047 | Henry /Asegun S | 08/01/20 | 10/31/22 | 278,606 | 547,608 | 87,364 |
| | | 6944839 | C | P065004 | 14000497-047 | Henry /Asegun S | 08/01/20 | 12/31/21 | (4,354) | 0 | 0 |
| | 007434 Texas A & M | 6944303 | C | P068700 | M2100082 | Ilic /Marija | 07/01/20 | 06/30/22 | 202,497 | 400,000 | 23,179 |
| | 007591 University of Ma | 6946606 | C | P417500 | S51900000052748 | Olivetti /Elsa A | 09/01/21 | 08/31/23 | 0 | 67,306 | 67,306 |
| | 007617 University of Minnesota | 6946457 | C | P267500 | A009091801 | Bulovic /Vladimir | 08/01/21 | 07/31/23 | 33,030 | 338,393 | 305,363 |
| | | 6946975 | C | P062000 | A008795401 | Roman /Yuriy | 06/01/21 | 05/31/24 | 12,208 | 623,143 | 610,935 |
| | 007727 University of Ne | 6941933 | C | P153000 | UNR-20-21 | Fehler /Michael C | 09/01/19 | 02/28/22 | 51,395 | 179,989 | 0 |
| | 102152 Technology Holding, LLC | 6946678 | C | P065004 | AGREEMENT DTD 12/17/2021 | Karnik /Rohit | 09/01/21 | 02/28/23 | 0 | 127,205 | 127,205 |
| | | 6946679 | C | P065004 | AGREEMENT DTD 12/17/2021 | Karnik /Rohit | 09/01/21 | 02/28/23 | 40,690 | 122,779 | 82,089 |
| | 102830 Western Reseal | 6938492 | C | P267111 | MIT17-10G663 | Grossman /Jeffrey C. | 10/01/17 | 07/31/21 | 10,619 | 790,009 | 0 |
| | 103566 The REMADE In | 6942536 | C | P417500 | SA-19-31 | Olivetti /Elsa A | 02/01/20 | 04/29/22 | 75,462 | 200,000 | 221 |
| | 107530 Clean Energy States Alliance | 6945984 | C | P035000 | SUBAWARD AGREEMENT DATED AF | Knox /Janelle K | 04/01/21 | 03/31/23 | 0 | 0 | 0 |
| | | 6945985 | C | P035000 | SUBAWARD AGREEMENT DATED AF | Knox /Janelle K | 04/01/21 | 03/31/22 | 105,599 | 105,599 | 0 |
| | | 6947484 | C | P035000 | SUBAWARD AGREEMENT DATED AF | Knox /Janelle K | 04/01/22 | 03/31/23 | 42,293 | 128,715 | 86,422 |
| | **Total by Primary Sponsor** | | | | | | | | **2,860,674** | **8,112,335** | **2,984,642** |
| 000302 Centers for Disease Control and Prevention | 000302 Centers for Dise | 6944037 | C | P063007 | 75D30120C09254 | Bourouiba /Lydia | 09/01/20 | 11/30/22 | 99,206 | 320,000 | 43,179 |
| | 006977 Harvard School | 6946794 | C | P121400 | 115034-5119517 | Kelly /Erin L. | 09/01/21 | 08/31/22 | 100,088 | 173,279 | 73,191 |
| | **Total by Primary Sponsor** | | | | | | | | **199,294** | **493,279** | **116,370** |
| 000307 Biomedica Advanced Research and Development Authority | 000307 Biomedical Adv | 6942051 | C | P402000 | 75A50119C00076 | Langer /Robert S | 09/30/19 | 08/31/22 | 89,844 | 700,000 | 663 |
| | 007709 Virginia Commonwealth University | 6947631 | C | P152000 | FP00012824_SA005 | Jamison /Timothy F | 02/01/21 | 05/14/24 | 432,549 | 400,000 | (32,549) |
| | | 6947680 | C | P152000 | FP00012824_SA005/TASK 1 | Jamison /Timothy F | 02/01/21 | 04/30/22 | 0 | 500,000 | 500,000 |
| | **Total by Primary Sponsor** | | | | | | | | **522,394** | **1,600,000** | **468,113** |
| 000340 NIH | 000340 NIH | 6928497 | C | P267600 | 5-R01-CA178636-06 REVISED | Fujimoto /James G | 09/01/13 | 06/30/20 | 0 | 455,292 | (0) |
| | | 6929566 | C | P267600 | 1-R01-CA178636-01 | Fujimoto /James G | 09/01/13 | 06/30/16 | 0 | 315,971 | (0) |
| | | 6930268 | C | P267600 | 5-R01-CA075289-21 | Fujimoto /James G | 06/10/14 | 04/30/20 | (23,776) | 1,180,133 | (0) |
| | | 6931588 | C | P159300 | 5-R37-MH087027-10 REVISED | Miller /Earl K | 03/01/15 | 02/28/22 | 65,081 | 3,060,334 | 0 |
| | | 6931676 | C | P267600 | 5-R01-EY011289-35 | Fujimoto /James G | 03/01/15 | 03/31/20 | (27,760) | 1,139,525 | 0 |
| | | 6931697 | C | P159300 | 5-R01-EY025437-05 REVISED | Nedivi /Elly | 04/01/15 | 09/29/21 | 21,161 | 1,894,821 | 478 |
| | | 6931733 | C | P151020 | 5-R01-CA021615-42 REVISED | Walker /Graham C | 05/01/15 | 04/30/22 | 91,489 | 1,715,974 | 3 |
| | | 6931928 | C | P062000 | 5-R01-DE013023-20 | Langer /Robert S | 05/08/15 | 04/30/20 | 0 | 1,950,000 | (0) |
| | | 6932053 | C | P402000 | 5-R01-HD085866-05 | Amon /Angelika B | 06/15/15 | 04/30/21 | 8,566 | 1,565,512 | 0 |
| | | 6932254 | C | P069201 | 5-R37-GM057073-22 | Sasisekharan /Ram | 08/01/15 | 07/31/21 | 105,029 | 2,101,839 | 0 |
| | | 6932518 | C | P091021 | 5-R01-AG049897-05 | Finkelstein /Amy | 09/01/15 | 04/30/22 | 138,773 | 2,713,783 | 1,988 |
| | | 6932850 | C | P061901 | 5-R25-GM116705-05 | Gray /Martha L | 09/21/15 | 07/31/21 | 58,474 | 2,672,710 | (0) |
| | | 6932871 | C | P061901 | 1DP2GM119419 | Shalek /Alexander K | 09/30/15 | 05/31/20 | (10,956) | 2,264,290 | (0) |
| | | 6933106 | C | P267600 | 5-R21-AI121669-05 | Lu /Timothy K | 12/01/15 | 11/30/20 | 0 | 202,193 | 0 |
| | | 6933790 | C | P165000 | 5P30ES002109-40 REVISED | Niles /Jacquin | 04/01/16 | 03/31/23 | 0 | 0 | 0 |
| | | 6933794 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 221,425 | (0) |
| | | 6933795 | C | P165000 | PENDING P30ES002109 YEAR 36 | Vandiver /Kathleen | 04/01/16 | 03/31/17 | 0 | 109,464 | 0 |
| | | 6933796 | C | P165000 | PENDING P30ES002109 YEAR 36 | Fox /James G | 04/01/16 | 03/31/17 | 0 | 168,598 | 0 |
| | | 6933797 | C | P165000 | PENDING P30ES002109 YEAR 36 | Wishnok /John S | 04/01/16 | 03/31/17 | 0 | 70,576 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933798 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 156,566 | 0 |
| | | 6933799 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 13,576 | 0 |
| | | 6933859 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 62,988 | 0 |
| | | 6933860 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 1,550 | 0 |
| | | 6933861 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 0 | 0 |
| | | 6933862 | C | P165000 | PENDING P30ES002109 YEAR 36 | Kocar /Benjamin David | 04/01/16 | 11/30/16 | 0 | 20,695 | (0) |
| | | 6933895 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 90,634 | 0 |
| | | 6933989 | C | P402012 | 5-R35-GM118066-05 | Amon /Angelika B | 05/01/16 | 04/30/21 | (20,211) | 1,891,778 | (0) |
| | | 6934040 | C | P151037 | 5-R01-GM101988-41 REVISED | Sauer /Robert T | 05/01/16 | 04/30/22 | 43,333 | 1,775,378 | (0) |
| | | 6934338 | C | P267600 | 5-R01-CA178636-05 | Fujimoto /James G | 07/01/16 | 06/30/20 | (6,264) | 716,350 | (36,863) |
| | | 6934388 | C | P062000 | 5-R01-DE024747-05 | Hammond /Paula T | 09/01/16 | 01/31/22 | 3,764 | 1,203,845 | 11,903 |
| | | 6934392 | C | P165000 | 5-R01-CA080024-23 | Essigmann /John M | 07/01/16 | 06/30/21 | (16,203) | 1,937,054 | (0) |
| | | 6934544 | C | P267600 | 4-R01-CA178636-04 | Fujimoto /James G | 07/01/16 | 06/30/20 | 0 | 218,272 | 54,261 |
| | | 6934601 | C | P402000 | 5-U54-CA210180-05 REVISED | White /Forest M | 08/29/16 | 07/31/22 | 0 | 1 | 1 |
| | | 6934602 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 55,831 | 0 |
| | | 6934603 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 51,961 | 0 |
| | | 6934604 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 64,494 | 0 |
| | | 6934605 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 36,292 | 0 |
| | | 6934606 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 52,539 | 0 |
| | | 6934607 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 21,829 | 0 |
| | | 6934608 | C | P402000 | 1-U54-CA210180-01 | Lauffenburger /Douglas A | 08/01/16 | 07/31/17 | 0 | 86,321 | 0 |
| | | 6934609 | C | P402000 | 1-U54-CA210180-01 | Wittrup /Karl Dane | 08/01/16 | 07/31/17 | 0 | 75,039 | (0) |
| | | 6934610 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 227,656 | 0 |
| | | 6934611 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 100,951 | 0 |
| | | 6934612 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/29/16 | 07/31/17 | 0 | 96,898 | 0 |
| | | 6934613 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 215,871 | 0 |
| | | 6934615 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 57,101 | 0 |
| | | 6934617 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 112,171 | 0 |
| | | 6934618 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 197,743 | 0 |
| | | 6934620 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 81,076 | 0 |
| | | 6934622 | C | P400600 | 5-R01-NS098505-05 | Feng /Guoping | 09/01/16 | 06/30/22 | 64,691 | 1,769,091 | 6,406 |
| | | 6934739 | C | P154500 | 5-R01-DC014739-05 | McDermott /Joshua Hartman | 09/01/16 | 08/31/22 | 69,266 | 1,874,620 | 28,087 |
| | | 6934787 | C | P400600 | 5-DP1-HD091947-05 | Kanwisher /Nancy | 09/30/16 | 07/31/22 | 423,525 | 5,414,501 | 868,380 |
| | | 6934799 | C | P159300 | 1-RF1-AG054012-01 REVISED | Tsai /Li-Huei | 08/01/16 | 08/31/21 | 2,051 | 2,930,286 | 0 |
| | | 6934851 | C | P067952 | 5-R01-HG008754-04 | Gifford /David K | 09/09/16 | 06/30/22 | 353,100 | 2,491,588 | 15,404 |
| | | 6934867 | C | P067952 | 1-RF1-AG054012-01 | Kellis /Manolis | 08/01/16 | 08/31/21 | 167 | 930,363 | 0 |
| | | 6934907 | C | P061901 | 5-R01-GM049039-24 | Edelman /Elazer R | 07/01/16 | 06/30/21 | (25,125) | 2,541,862 | 0 |
| | | 6934945 | C | P151039 | 5-R01-GM052339-25 | Bell /Stephen P | 09/16/16 | 07/31/21 | 66,342 | 1,162,137 | 0 |
| | | 6934956 | C | P067952 | 5-R01-GM108348-07 | Berger Leighton /Bonnie | 06/21/16 | 08/31/20 | (8,812) | 1,412,637 | (0) |
| | | 6934970 | C | P165000 | PENDING P30ES002109 YEAR 36 | Engelward /Bevin P | 09/19/16 | 03/31/17 | 0 | 22,641 | (0) |
| | | 6934983 | C | P402000 | 1-U54-CA210180 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 54,664 | 0 |
| | | 6934984 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 7,738 | 0 |
| | | 6934998 | C | P267500 | 5-R01-MH111872-04 | Anikeeva /Polina Olegovna | 07/01/16 | 06/30/21 | 445 | 1,694,978 | 30,405 |
| | | 6935025 | C | P165000 | PENDING P30ES002109 YEAR 36 | Selin /Noelle E | 09/01/16 | 03/31/17 | 0 | 22,035 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935029 | C | P165000 | PENDING P30ES002109 YEAR 36 | Schlau-Cohen /Gabriela S | 09/01/16 | 03/31/17 | 0 | 38,879 | 0 |
| | | 6935134 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 3,867 | 0 |
| | | 6935171 | C | P159300 | 1DP2ES027992 | Chung /Kwanghun | 09/30/16 | 06/30/21 | 46,996 | 2,320,500 | 0 |
| | | 6935247 | C | P267500 | 1-R01-MH111872-01 | Anikeeva /Polina Olegovna | 07/01/16 | 06/30/21 | 22,050 | 1,415,340 | 0 |
| | | 6935248 | C | P267500 | 1-R01-MH111872-01 | Anikeeva /Polina Olegovna | 07/01/16 | 06/30/19 | 0 | 234,888 | 0 |
| | | 6935249 | C | P159300 | 1-RF1-AG054321-01 REVISED | Tsai /Li-Huei | 09/01/16 | 08/31/22 | 10,827 | 4,028,422 | 0 |
| | | 6935535 | C | P402000 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 62,783 | (0) |
| | | 6935557 | C | P402000 | 5-R01-CA211184-05 REVISED | Yilmaz /Omer | 12/23/16 | 11/30/21 | (320,376) | 2,035,145 | (0) |
| | | 6935631 | C | P243021 | 5-R01-GM088204-10 | Hong /Mei | 02/01/17 | 09/19/21 | 41,438 | 1,394,727 | 0 |
| | | 6935765 | C | P267111 | 5-R01-DC000238-36 REVISED | Freeman /Dennis M | 11/03/16 | 11/30/22 | 305,764 | 1,803,707 | 24,246 |
| | | 6935872 | C | P151072 | 5-R01-GM039334-32 REVISED | Imperiali /Barbara | 01/05/17 | 03/31/22 | 265,311 | 1,331,425 | 0 |
| | | 6936013 | C | P061901 | 5-U19-AI131135-05 REVISED | Gehrke /Lee | 04/01/17 | 03/31/23 | 0 | 879 | 879 |
| | | 6936014 | C | P165000 | 5-R01-MH112694-05 | Bathe /Mark | 04/01/17 | 02/28/23 | 206,964 | 1,547,000 | 153,489 |
| | | 6936032 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 17,071 | 0 |
| | | 6936033 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 35,749 | 0 |
| | | 6936035 | C | P165000 | 5P30ES002109-37 | Selin /Noelle E | 04/01/17 | 12/31/17 | 0 | 16,961 | 0 |
| | | 6936041 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 245,836 | 0 |
| | | 6936042 | C | P165000 | 5P30ES002109-37 | Vandiver /Kathleen | 04/01/17 | 03/31/18 | 0 | 107,211 | (0) |
| | | 6936043 | C | P165000 | 5P30ES002109-37 | Fox /James G | 04/01/17 | 03/31/18 | 0 | 123,757 | (0) |
| | | 6936044 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 114,253 | 0 |
| | | 6936045 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 108,049 | 0 |
| | | 6936046 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 23,040 | 0 |
| | | 6936049 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 0 | 0 |
| | | 6936052 | C | P243021 | 5-R01-EB022062-04 REVISED | Iwasa /Yukikazu | 04/01/17 | 12/31/22 | 151,853 | 2,388,746 | (150,862) |
| | | 6936058 | C | P159300 | 5-R01-EY025437-03 | Nedivi /Elly | 08/01/16 | 02/28/22 | 95 | 93,214 | 0 |
| | | 6936059 | C | P061901 | 1-U19-AI131135-01 | Gehrke /Lee | 04/01/17 | 03/31/18 | 0 | 1,171,338 | 0 |
| | | 6936065 | C | P165000 | 1-R01-MH112694-01 | Bathe /Mark | 04/01/17 | 02/28/23 | 90,058 | 471,175 | 11,171 |
| | | 6936070 | C | P151009 | 5-R35-GM122538-05 | Grossman /Alan Davis | 04/01/17 | 03/31/23 | 430,281 | 3,158,963 | 213,554 |
| | | 6936078 | C | P151062 | 5-R01-GM082899-13 | Laub /Michael T | 04/01/17 | 03/31/22 | 20,970 | 1,311,038 | 62 |
| | | 6936215 | C | P061901 | 1-U19-AI131135-01 | Gehrke /Lee | 04/01/17 | 03/31/18 | 0 | 69,966 | 0 |
| | | 6936223 | C | P165000 | 5P30ES002109-37 | Engelward /Bevin P | 04/01/17 | 03/31/18 | 0 | 55,359 | 0 |
| | | 6936234 | C | P069850 | 5-R01-GM102311-08 | Gore /Jeff | 04/01/17 | 03/31/22 | 29,229 | 1,185,367 | 72,026 |
| | | 6936251 | C | P152000 | 5-R35-GM122483-05 | Buchwald /Stephen Leffler | 06/01/17 | 05/31/22 | 988,039 | 5,316,295 | 333,637 |
| | | 6936316 | C | P152000 | 5-R01-AR071443-05 | Shoulders /Matthew D. | 04/11/17 | 05/31/22 | 375,735 | 1,691,489 | 5,143 |
| | | 6936324 | C | P069201 | 5U01CA215798-05 | Lauffenburger /Douglas A | 04/05/17 | 03/31/22 | 0 | 58,702 | 58,702 |
| | | 6936325 | C | P069201 | 1U01CA215798-01 | Lauffenburger /Douglas A | 04/05/17 | 03/31/18 | 0 | 25,171 | (0) |
| | | 6936328 | C | P069201 | 1U01CA215798-01 | Lauffenburger /Douglas A | 04/05/17 | 03/31/18 | 0 | 595,393 | 0 |
| | | 6936438 | C | P151036 | 5-R01-GM024663-43 | Horvitz /Howard Robert | 06/01/17 | 05/31/22 | 120,898 | 1,656,625 | 0 |
| | | 6936470 | C | P400600 | 5-R01-NS102727-04 | Boyden /Edward | 07/01/17 | 03/31/22 | 77,414 | 2,084,363 | (0) |
| | | 6936507 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 06/07/17 | 04/30/23 | 0 | 463,410 | 463,410 |
| | | 6936592 | C | P400600 | 5-R01-MH060379-20 | Graybiel /Ann M | 07/01/17 | 03/31/22 | 362,511 | 2,002,560 | (125) |
| | | 6936598 | C | P151054 | 5-R01-GM085319-12 REVISED | Burge /Christopher B | 05/01/17 | 05/09/22 | 41,273 | 1,318,259 | 5,050 |
| | | 6936599 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/07/17 | 04/30/18 | 0 | 28,661 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936601 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/07/17 | 04/30/18 | 0 | 60,253 | (0) |
| | | 6936602 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/07/17 | 04/30/18 | 0 | 685,610 | 0 |
| | | 6936603 | C | P402000 | 1-U54-CA217377-01 | Lauffenburger /Douglas A | 06/07/17 | 04/30/18 | 0 | 131,126 | (0) |
| | | 6936606 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/01/17 | 04/30/18 | 0 | 618,191 | 0 |
| | | 6936607 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/01/17 | 04/30/18 | 0 | 317,867 | 0 |
| | | 6936681 | C | P066000 | 5-R21-NS102762-02 | Van Vliet /Krystyn J | 07/01/17 | 01/31/20 | (675) | 294,293 | (0) |
| | | 6936689 | C | P400600 | 5-R01-EB024261-04 | Boyden /Edward | 07/15/17 | 04/30/21 | 21,404 | 2,220,644 | (0) |
| | | 6936765 | C | P243021 | 1-RF1-AG058504-01 REVISED | Griffin /Robert Guy | 08/01/17 | 08/31/22 | 716,147 | 3,020,660 | 56,528 |
| | | 6936853 | C | P152000 | 5-R01-GM118695-04 | Nolan /Elizabeth Marie | 05/15/17 | 07/31/22 | 237,378 | 1,083,514 | 17,023 |
| | | 6936881 | C | P402000 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 58,212 | 0 |
| | | 6936882 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 79,010 | 0 |
| | | 6936883 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 174,231 | 194 |
| | | 6936885 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 56,695 | (0) |
| | | 6936886 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 78,895 | 0 |
| | | 6936887 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 30,616 | 0 |
| | | 6936888 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 52,949 | 0 |
| | | 6936889 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 0 | 0 |
| | | 6936890 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 95,507 | 0 |
| | | 6936891 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 56,649 | (0) |
| | | 6936892 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 7,382 | 0 |
| | | 6936896 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 60,748 | 0 |
| | | 6936897 | C | P402010 | 5-U54-CA210180-02 | Lauffenburger /Douglas A | 08/01/17 | 07/31/18 | 0 | 28,738 | 0 |
| | | 6936898 | C | P402010 | 5-U54-CA210180-02 | Wittrup /Karl Dane | 08/01/17 | 07/31/18 | 0 | 97,272 | (0) |
| | | 6936899 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 55,000 | 0 |
| | | 6936900 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 9,219 | 0 |
| | | 6936901 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 214,000 | 0 |
| | | 6936902 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 87,500 | 0 |
| | | 6936903 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 192,718 | 0 |
| | | 6936904 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 8,878 | 0 |
| | | 6936905 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 50,342 | 0 |
| | | 6936906 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 114,075 | 0 |
| | | 6936907 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 186,726 | (0) |
| | | 6936908 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 138,157 | 0 |
| | | 6936961 | C | P165000 | 5P42E2027707-05 REVISED | Engelward /Bevin P | 08/01/17 | 03/31/22 | 0 | 66,692 | 66,692 |
| | | 6936963 | C | P165000 | 1-P42-ES027707-01 | Engelward /Bevin P | 08/01/17 | 03/31/18 | 0 | 60,890 | 0 |
| | | 6936965 | C | P165000 | 1-P42-ES027707-01 | Engelward /Bevin P | 08/01/17 | 03/31/18 | 0 | 463 | 0 |
| | | 6936966 | C | P165000 | 1-P42-ES027707-01 | Vandiver /Kathleen | 08/01/17 | 03/31/18 | 0 | 32,987 | 0 |
| | | 6936967 | C | P165000 | 1-P42-ES027707-01 | Essigmann /John M | 08/01/17 | 03/31/18 | 0 | 2,633 | 0 |
| | | 6936969 | C | P165000 | 1-P42-ES027707-01 | Hemond /Harold F | 08/01/17 | 03/31/18 | 0 | 41,867 | 0 |
| | | 6936970 | C | P165000 | 1-P42-ES027707-01 | Swager /Timothy M | 08/01/17 | 03/31/18 | 0 | 59,050 | (0) |
| | | 6936972 | C | P165000 | 1-P42-ES027707-01 | Kroll /Jesse | 08/01/17 | 03/31/18 | 0 | 10,092 | (0) |
| | | 6936973 | C | P165000 | 1-P42-ES027707-01 | Selin /Noelle E | 08/01/17 | 03/31/18 | 0 | 79,361 | (0) |
| | | 6936974 | C | P165000 | 1-P42-ES027707-01 | Swager /Timothy M | 08/01/17 | 03/31/18 | 0 | 19,010 | (0) |
| | | 6936976 | C | P165000 | 1-P42-ES027707-01 | Essigmann /John M | 08/01/17 | 03/31/18 | 0 | 63,978 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936978 | C | P165000 | 1-P42-ES027707-01 | Engelward /Bevin P | 08/01/17 | 03/31/18 | 0 | 82,473 | (0) |
| | | 6936980 | C | P165000 | 1-P42-ES027707-01 | White /Forest M | 08/01/17 | 03/31/18 | 0 | 99,127 | (0) |
| | | 6936988 | C | P402000 | 5-P01-CA042063-35 | Jacks /Tyler E | 08/01/17 | 01/31/23 | 0 | 0 | 0 |
| | | 6936989 | C | P402000 | 5-P01-CA042063-32 | Jacks /Tyler E | 08/01/17 | 01/31/23 | 329,221 | 1,515,406 | 59,356 |
| | | 6936990 | C | P402000 | 5-P01-CA042063-32 | Jacks /Tyler E | 08/01/17 | 01/31/23 | 231,169 | 2,117,056 | 58,496 |
| | | 6936991 | C | P402000 | 5-P01-CA042063-32 | Sharp /Phillip A | 08/01/17 | 01/31/23 | 358,667 | 1,696,934 | 0 |
| | | 6936992 | C | P402000 | 5-P01-CA042063-32 | Lees /Jacqueline | 08/01/17 | 01/31/23 | 272,073 | 1,761,677 | 112,110 |
| | | 6937020 | C | P065004 | 5-R01-EB024591-04 | Del Vecchio /Domitilla | 09/01/17 | 05/31/23 | 103,820 | 1,025,911 | 15,416 |
| | | 6937048 | C | P154000 | 5-R01-GM081871-12 | Berger Leighton /Bonnie | 06/01/17 | 05/31/21 | 206 | 1,475,574 | (0) |
| | | 6937063 | C | P400600 | 5-R01-MH114031-04 | Boyden /Edward | 08/25/17 | 06/30/22 | 154,662 | 2,126,410 | 50,252 |
| | | 6937072 | C | P152000 | 5-R01-AI126592-06 | Kiessling /Laura L | 07/01/17 | 03/31/22 | 194,476 | 2,310,389 | 223,610 |
| | | 6937090 | C | P402000 | 5-R35-ES028374-05 | Yaffe /Michael B | 09/01/17 | 07/31/21 | 127,580 | 1,831,968 | (0) |
| | | 6937105 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/01/17 | 04/30/18 | 0 | 14,232 | 0 |
| | | 6937110 | C | P400600 | 5-R01-DA045549-04 | Boyden /Edward | 09/01/17 | 07/31/22 | 204,894 | 2,299,412 | (15,134) |
| | | 6937113 | C | P151073 | 5-R35-GM124732-05 | Li /Gene-Wei | 09/01/17 | 08/31/22 | 370,395 | 1,828,088 | (8,137) |
| | | 6937117 | C | P039000 | 1DP2AI136597-01 | Esvelt /Kevin Michael | 09/01/17 | 06/30/22 | 823,069 | 2,348,676 | (42,858) |
| | | 6937120 | C | P159300 | 5-R01-MH115592-05 | Miller /Earl K | 09/08/17 | 05/31/23 | 317,044 | 1,967,085 | 74,119 |
| | | 6937131 | C | P159300 | 5-R01NS102730-05 | Tsai /Li-Huei | 09/15/17 | 06/30/23 | 304,561 | 2,087,368 | 84,668 |
| | | 6937143 | C | P165000 | 5P30ES002109-37 | Sikes Johnson /Hadley | 08/01/17 | 03/31/18 | 0 | 22,501 | 0 |
| | | 6937144 | C | P165000 | 5P30ES002109-37 | Kulik /Heather Janine | 08/01/17 | 03/31/18 | 0 | 14,033 | 0 |
| | | 6937145 | C | P165000 | 5P30ES002109-37 | Shoulders /Matthew D. | 08/01/17 | 03/31/18 | 0 | 4,706 | 0 |
| | | 6937151 | C | P159300 | 5-R01-EY023037-08 | Bear /Mark | 07/02/17 | 07/31/21 | 61,461 | 1,947,411 | (0) |
| | | 6937161 | C | P062000 | 5-R01-DE024747-02 | Hammond /Paula T | 09/01/16 | 01/31/22 | 351,296 | 898,760 | 403 |
| | | 6937177 | C | P159300 | 5-R01-MH115037-05 | Choi /Bohyun Gloria | 09/12/17 | 06/30/22 | 587,473 | 2,544,392 | (28,192) |
| | | 6937186 | C | P152000 | 5-R01-CA220468-05 | Johnson /Jeremiah A. | 09/13/17 | 08/31/22 | 508,779 | 1,866,851 | 36,455 |
| | | 6937187 | C | P039070 | 5-R01-EB024531-03 | Herr /Hugh M | 07/01/17 | 05/31/22 | 1,067 | 1,185,820 | (0) |
| | | 6937196 | C | P151045 | 5-R01-DK115558-05 | Baker /Tania | 09/01/17 | 06/30/23 | 407,562 | 2,120,102 | 467,490 |
| | | 6937210 | C | P152000 | 5-R01-GM126376-04 | Nolan /Elizabeth Marie | 09/01/17 | 08/31/21 | 22,575 | 601,833 | 0 |
| | | 6937240 | C | P400600 | 5-U01-MH114819-05 | Feng /Guoping | 09/20/17 | 05/31/22 | 0 | 145,324 | 145,324 |
| | | 6937249 | C | P402010 | 5-U54-CA210180-02 REV | White /Forest M | 08/01/17 | 10/15/18 | 0 | 77,431 | 0 |
| | | 6937250 | C | P165000 | 5-R35-ES028303-06 | Walker /Graham C | 09/15/17 | 05/31/23 | 0 | 1,849,521 | (0) |
| | | 6937277 | C | P418102 | 5-R00-AG050749-05 | Davis /Joseph Harry | 09/01/17 | 05/31/21 | 92,740 | 745,128 | 0 |
| | | 6937284 | C | P400600 | 1-U01-MH114819-01 | Feng /Guoping | 09/20/17 | 06/30/18 | 0 | 969,326 | 0 |
| | | 6937290 | C | P159300 | 5-R01-NS104892-05 | Flavell /Steven Willem | 06/25/17 | 06/30/23 | 366,453 | 2,002,675 | 68,043 |
| | | 6937294 | C | P069201 | 5-U01-CA214381-05 | Kamm /Roger Dale | 09/30/17 | 08/31/22 | 0 | 238,632 | 238,632 |
| | | 6937297 | C | P152000 | 5-P41-EB015871-35 | So /Peter T. C. | 06/18/17 | 05/31/23 | 133,345 | 1,666,665 | 334,873 |
| | | 6937298 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/23 | 0 | 24,843 | 7,651 |
| | | 6937355 | C | P069201 | 1-R01-CA220468-01 | Jasanoff /Alan Pradip | 09/13/17 | 08/31/22 | 26,314 | 159,398 | 3,362 |
| | | 6937356 | C | P152000 | 1-R01-CA220468-01 | Johnson /Jeremiah A. | 09/13/17 | 08/31/22 | 0 | 266,237 | 139,789 |
| | | 6937357 | C | P152000 | 1-R01-CA220468-01 | Johnson /Jeremiah A. | 09/13/17 | 08/31/22 | 36,875 | 269,155 | 4,370 |
| | | 6937372 | C | P400600 | 1-R01-MH115037-01 | Harnett /Mark Thomas | 09/12/17 | 06/30/19 | 0 | 54,574 | (0) |
| | | 6937437 | C | P152000 | 5-R01-GM126376-02 | Nolan /Elizabeth Marie | 09/01/17 | 08/31/21 | 29,460 | 472,878 | 0 |
| | | 6937525 | C | P061901 | 1-R01-EB024591-01 | Collins /James J. | 09/01/17 | 05/31/23 | 140 | 728,933 | 273 |
| | | 6937526 | C | P069200 | 1-R01-EB024591-01 | Weiss /Ron | 09/01/17 | 05/31/23 | (9,385) | 728,933 | 3,640 |
| | | 6937590 | C | P400600 | 1-U01-MH114819-01 | Boyden /Edward | 09/20/17 | 06/30/18 | 0 | 55,564 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937609 | C | P152000 | 1DP2GM128200-01 | Schlau-Cohen /Gabriela S | 09/30/17 | 08/31/22 | 817,341 | 2,355,626 | 24,339 |
| | | 6937671 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/23 | 106,251 | 543,736 | 3,138 |
| | | 6937672 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/23 | 103,609 | 496,445 | 42,194 |
| | | 6937673 | C | P152000 | 2-P41-EB015871-31 | Schlau-Cohen /Gabriela S | 06/18/17 | 05/31/23 | 18,905 | 481,070 | 168,274 |
| | | 6937674 | C | P152000 | 2-P41-EB015871-31 | Bawendi /Moungi G | 06/18/17 | 05/31/23 | 106,460 | 542,430 | (5,633) |
| | | 6937675 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/22 | 56,231 | 404,936 | 5,877 |
| | | 6937676 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/23 | 95,525 | 635,996 | 63,118 |
| | | 6937677 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/23 | 168,563 | 704,979 | 58,938 |
| | | 6937753 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/01/17 | 04/30/18 | 0 | 25,911 | 0 |
| | | 6937852 | C | P151070 | 5-R01GM125646-04 REVISED | Martin /Adam C | 01/01/18 | 12/31/22 | 178,691 | 1,254,355 | 61,546 |
| | | 6937921 | C | P151037 | 5-R01-AI016892-43 | Sauer /Robert T | 04/01/18 | 03/31/23 | 445,008 | 2,665,418 | 498,723 |
| | | 6937932 | C | P267600 | 5-R33-AI121669-04 | Lu /Timothy K | 12/01/17 | 11/30/20 | 5,624 | 1,454,207 | 327 |
| | | 6937943 | C | P069201 | 5-K00-CA212227-06 | Shelton /Sarah E | 01/01/18 | 01/31/23 | 76,184 | 391,932 | 61,257 |
| | | 6937972 | C | P159300 | 5-R01-EY028219-04 | Sur /Mriganka | 02/01/18 | 01/31/23 | 154,265 | 2,269,919 | 155,236 |
| | | 6937975 | C | P151065 | 5-R01-HL140471-04 | Boyer /Laurie Ann | 09/01/17 | 01/31/23 | 240,897 | 2,173,611 | 52,025 |
| | | 6937977 | C | P069201 | 1U01CA214381-01A1 | Kamm /Roger Dale | 09/30/17 | 08/31/18 | 0 | 233,494 | (0) |
| | | 6937978 | C | P069201 | 1U01CA214381-01A1 | Kamm /Roger Dale | 09/30/17 | 08/31/18 | 0 | 305,256 | 0 |
| | | 6938050 | C | P243021 | 5-R01-GM066976-17 | Hong /Mei | 02/01/18 | 01/31/23 | 127,426 | 1,241,666 | 140,943 |
| | | 6938052 | C | P065005 | 1-R01-DA045549-01 | So /Peter T. C. | 09/01/17 | 07/31/22 | 133,871 | 658,012 | 3,601 |
| | | 6938053 | C | P154500 | 5-R01-NS098505-03 | Halassa /Michael | 09/01/17 | 06/30/22 | 77,921 | 1,428,052 | 4,682 |
| | | 6938057 | C | P400600 | 1-R01-MH114031-01 | Desimone /Robert | 08/25/17 | 06/30/22 | 113,652 | 673,767 | (1,616) |
| | | 6938072 | C | P402000 | 5R33CA223904-03 | Cima /Michael J | 02/05/18 | 01/31/22 | 77,260 | 572,228 | (0) |
| | | 6938106 | C | P243021 | 3R01EB022062-04S1 REVISED | Iwasa /Yukikazu | 04/01/17 | 12/31/22 | 0 | 301,376 | 215,531 |
| | | 6938157 | C | P039070 | 1-R01-EB024531-01 | Herr /Hugh M | 07/01/17 | 05/31/21 | 0 | 75,585 | 0 |
| | | 6938169 | C | P400600 | 5-R01-NS106031-05 | Harnett /Mark Thomas | 04/01/18 | 03/31/23 | 445,016 | 1,739,065 | 199,519 |
| | | 6938210 | C | P243021 | 2R01GM066976-14A1 | Hong /Mei | 02/01/18 | 01/31/23 | 0 | 99,000 | 73,878 |
| | | 6938217 | C | P243021 | 2R01GM066976-14A1 | Hong /Mei | 02/01/18 | 01/31/23 | 0 | 16,800 | 3,211 |
| | | 6938230 | C | P067952 | 5-R01-CA218094-04 | Gifford /David K | 03/09/18 | 02/28/24 | 330,650 | 2,346,786 | 714,850 |
| | | 6938243 | C | P400600 | 1-R01-DA045549-01 | Boyden /Edward | 03/01/18 | 07/31/22 | 16,822 | 539,489 | 62,535 |
| | | 6938283 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 976 | 0 |
| | | 6938284 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 7,076 | 0 |
| | | 6938286 | C | P165000 | 5P30ES002109-38 | Kulik /Heather Janine | 04/01/18 | 12/31/18 | 0 | 24,966 | 0 |
| | | 6938287 | C | P165000 | 5P30ES002109-38 | Shoulders /Matthew D. | 04/01/18 | 12/31/18 | 0 | 34,294 | (0) |
| | | 6938288 | C | P165000 | 5P30ES002109-38 | Sikes Johnson /Hadley | 04/01/18 | 12/31/18 | 0 | 16,500 | (0) |
| | | 6938290 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 269,941 | 0 |
| | | 6938291 | C | P165000 | 5P30ES002109-38 | Vandiver /Kathleen | 04/01/18 | 03/31/19 | 0 | 99,236 | (0) |
| | | 6938292 | C | P165000 | 5P30ES002109-38 | Fox /James G | 04/01/18 | 03/31/19 | 0 | 178,514 | 0 |
| | | 6938293 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 96,891 | (0) |
| | | 6938294 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 79,094 | 0 |
| | | 6938295 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 16,047 | (0) |
| | | 6938312 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 0 | 0 |
| | | 6938313 | C | P165000 | 5 P42 ES027707-02 | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 65,261 | 0 |
| | | 6938316 | C | P165000 | 5 P42 ES027707-02 | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 8,015 | (0) |
| | | 6938317 | C | P165000 | 5 P42 ES027707-02 | Vandiver /Kathleen | 04/01/18 | 03/31/19 | 0 | 45,855 | (0) |
| | | 6938320 | C | P165000 | 5 P42 ES027707-02 | Hemond /Harold F | 04/01/18 | 03/31/19 | 0 | 85,919 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938321 | C | P165000 | 5 P42 ES027707-02 | Swager /Timothy M | 04/01/18 | 03/31/19 | 0 | 75,838 | 0 |
| | | 6938323 | C | P165000 | 5 P42 ES027707-02 | Kroll /Jesse | 04/01/18 | 03/31/19 | 0 | 106,904 | 0 |
| | | 6938324 | C | P165000 | 5 P42 ES027707-02 | Selin /Noelle E | 04/01/18 | 03/31/19 | 0 | 69,626 | 0 |
| | | 6938325 | C | P165000 | 5 P42 ES027707-02 | Swager /Timothy M | 04/01/18 | 03/31/19 | 0 | 66,033 | 0 |
| | | 6938326 | C | P165000 | 5 P42 ES027707-02 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 170,129 | (0) |
| | | 6938328 | C | P165000 | 5 P42 ES027707-02 | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 116,664 | (0) |
| | | 6938330 | C | P165000 | 5 P42 ES027707-02 | White /Forest M | 04/01/18 | 03/31/19 | 0 | 164,320 | 0 |
| | | 6938389 | C | P069201 | 5U01CA215798-02 | Lauffenburger /Douglas A | 04/01/18 | 03/31/19 | 0 | 125,050 | 0 |
| | | 6938411 | C | P061901 | 1-U19-AI131135-01 | Gehrke /Lee | 04/01/18 | 03/31/19 | 0 | 1,583,417 | (0) |
| | | 6938412 | C | P061901 | 1-U19-AI131135-01 | Gehrke /Lee | 04/01/18 | 03/31/19 | 0 | 73,623 | (0) |
| | | 6938433 | C | P069201 | 5-U01-CA215798-02 | Lauffenburger /Douglas A | 04/01/18 | 03/31/19 | 0 | 556,606 | 0 |
| | | 6938475 | C | P402000 | 5-R01-GM034277-36 | Sharp /Phillip A | 06/01/18 | 05/31/22 | 474,929 | 2,146,113 | (0) |
| | | 6938487 | C | P243021 | 1S10OD023513-01A1 | Griffin /Robert Guy | 03/15/18 | 03/14/21 | (0) | 1,000,000 | 0 |
| | | 6938534 | C | P154500 | 5-R01-MH107680-05 | Halassa /Michael | 02/01/18 | 04/30/21 | 83 | 1,030,470 | (0) |
| | | 6938602 | C | P400600 | 5-R01-MH111916-03 | Desimone /Robert | 05/08/18 | 02/28/22 | (38,743) | 449,560 | (1,263) |
| | | 6938622 | C | P400600 | 5-R01-DC016607-05 | Fedorenko /Evelina G | 05/21/18 | 04/30/23 | 275,362 | 1,987,500 | 512,029 |
| | | 6938689 | C | P067952 | 5-R01-MH109978-05 | Kellis /Manolis | 09/02/17 | 02/28/21 | (4,181) | 1,477,036 | 4,793 |
| | | 6938698 | C | P151074 | 5-R35-GM126982-05 | Drennan /Catherine L | 05/01/18 | 04/30/23 | 335,732 | 1,465,976 | 328,202 |
| | | 6938715 | C | P402000 | 5-U54-CA217377-02 REVISED | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 103,382 | 0 |
| | | 6938716 | C | P402000 | 5-U54-CA217377-02 | Koehler /Angela Nicole | 05/01/18 | 04/30/19 | 0 | 66,102 | 0 |
| | | 6938717 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 199,626 | 0 |
| | | 6938718 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 144,060 | 0 |
| | | 6938719 | C | P402000 | 5-U54-CA217377-02 | Lauffenburger /Douglas A | 05/01/18 | 04/30/19 | 0 | 227,441 | (0) |
| | | 6938720 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 43,575 | 0 |
| | | 6938722 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 525,000 | (0) |
| | | 6938723 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 02/01/18 | 04/30/19 | 0 | 269,077 | (0) |
| | | 6938725 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 20,601 | 0 |
| | | 6938728 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 210,405 | 0 |
| | | 6938730 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 19,725 | 0 |
| | | 6938733 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 210,405 | 0 |
| | | 6938737 | C | P067900 | 1-R01-MH111916-03 | Fisher /John W | 05/08/18 | 02/28/22 | (52,185) | 636,921 | (0) |
| | | 6938752 | C | P152000 | 5-R01-GM044783-29 | Raines /Ronald T | 07/01/18 | 06/30/23 | 274,304 | 1,653,622 | 128,203 |
| | | 6938756 | C | P400600 | 5-R01-NS102727-02 | Boyden /Edward | 05/01/18 | 03/31/22 | 0 | 114,477 | 0 |
| | | 6938782 | C | P402000 | 5R01EB025854-04 | Irvine /Darrell J | 06/15/18 | 12/31/22 | 108,573 | 1,117,997 | 7,812 |
| | | 6938784 | C | P068800 | 2-T32-GM008334-30 | Wittrup /Karl Dane | 07/01/18 | 06/30/20 | (0) | 1,017,393 | (0) |
| | | 6938829 | C | P165000 | 5P30ES002109-38 | Belcher /Angela M | 06/01/18 | 03/31/19 | 0 | 25,628 | 0 |
| | | 6938830 | C | P165000 | 5P30ES002109-38 | Kocar /Benjamin David | 06/01/18 | 03/31/19 | 0 | 16,437 | (0) |
| | | 6938831 | C | P165000 | 5P30ES002109-38 | Kroll /Jesse | 06/01/18 | 03/31/19 | 0 | 15,696 | 0 |
| | | 6938832 | C | P165000 | 5P30ES002109-38 | Ortony /Julia H | 06/01/18 | 03/31/19 | 0 | 38,996 | (0) |
| | | 6938833 | C | P165000 | 5P30ES002109-38 | Boyer /Laurie Ann | 06/01/18 | 03/31/19 | 0 | 38,999 | 0 |
| | | 6938834 | C | P067952 | 5-R01-AG058002-05 | Kellis /Manolis | 03/15/18 | 05/31/22 | 1,014,046 | 5,779,123 | 30,389 |
| | | 6938877 | C | P069201 | 1-R01-EB025854-01 | Weiss /Ron | 06/15/18 | 12/31/22 | 28,842 | 915,044 | 77,446 |
| | | 6938904 | C | P243021 | 5-R01-EB001965-17 | Temkin /Richard J | 07/01/18 | 04/30/23 | 87,319 | 2,028,548 | 432,229 |
| | | 6938927 | C | P400600 | 1-U01-MH114819-01 | Feng /Guoping | 07/01/18 | 05/31/19 | 0 | 1,244,574 | (0) |
| | | 6938952 | C | P400600 | 1-U01-MH114819-01 | Boyden /Edward | 07/01/18 | 05/31/19 | 0 | 178,595 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938983 | C | P159300 | 7-R01-AG058002-02 | Tsai /Li-Huei | 03/15/18 | 05/31/22 | 468,901 | 2,131,802 | 87,647 |
| | | 6939014 | C | P069201 | 5-R01-EB025256-04 | Weiss /Ron | 07/17/18 | 03/31/23 | 142,222 | 1,509,251 | 192,586 |
| | | 6939048 | C | P267500 | 3 R01-MH111872-02S1 | Anikeeva /Polina Olegovna | 03/20/18 | 06/30/20 | 0 | 53,867 | 0 |
| | | 6939049 | C | P267500 | 3 R01-MH111872-02S1 | Anikeeva /Polina Olegovna | 03/20/18 | 06/30/20 | 0 | 69,626 | (0) |
| | | 6939103 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 61,591 | (0) |
| | | 6939104 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 79,000 | 0 |
| | | 6939105 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 39,601 | 0 |
| | | 6939106 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 6,765 | 0 |
| | | 6939107 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 783 | 0 |
| | | 6939108 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 36,531 | 0 |
| | | 6939110 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 10,441 | 0 |
| | | 6939113 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 47,069 | 0 |
| | | 6939114 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 111,121 | 0 |
| | | 6939115 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 2,218 | 0 |
| | | 6939117 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 67,502 | 0 |
| | | 6939118 | C | P402000 | 5-U54-CA210180-03 | Lauffenburger /Douglas A | 08/01/18 | 07/31/19 | 0 | 148,064 | 0 |
| | | 6939119 | C | P402000 | 5-U54-CA210180-03 | Wittrup /Karl Dane | 08/01/18 | 07/31/19 | 0 | 87,012 | 0 |
| | | 6939120 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 55,001 | 0 |
| | | 6939121 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 29,243 | 0 |
| | | 6939122 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 214,000 | 0 |
| | | 6939123 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 58,018 | 0 |
| | | 6939124 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 180,200 | 0 |
| | | 6939125 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 51,686 | 0 |
| | | 6939126 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 98,073 | 0 |
| | | 6939127 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 212,520 | 0 |
| | | 6939128 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 274,953 | 0 |
| | | 6939129 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 124,449 | 0 |
| | | 6939168 | C | P402000 | 5-R01-EB000244-42 | Langer /Robert S | 08/07/18 | 04/30/23 | 334,225 | 2,485,406 | 340,485 |
| | | 6939193 | C | P243021 | 3-RF1-AG059661-01S1 | Hong /Mei | 07/01/18 | 03/31/23 | 338,711 | 1,803,825 | 636,847 |
| | | 6939211 | C | P165000 | 5-R21-EB026008-02 REVISED | Bathe /Mark | 08/15/18 | 12/20/22 | (19,706) | 426,250 | (16,514) |
| | | 6939254 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 28,541 | 0 |
| | | 6939270 | C | P243021 | 2-R01-EB001965-14 | Temkin /Richard J | 07/01/18 | 04/30/23 | 7,590 | 241,000 | 6,744 |
| | | 6939302 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 8,200 | 0 |
| | | 6939303 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 4,178 | 0 |
| | | 6939304 | C | P165000 | 5P42ES027707-02 REVISED | Vandiver /Kathleen | 04/01/18 | 03/31/19 | 0 | 13,632 | 0 |
| | | 6939307 | C | P165000 | 5P42ES027707-02 REVISED | Hemond /Harold F | 04/01/18 | 03/31/19 | 0 | 58,173 | 0 |
| | | 6939308 | C | P165000 | 5P42ES027707-02 REVISED | Swager /Timothy M | 04/01/18 | 03/31/19 | 0 | 14,736 | (0) |
| | | 6939310 | C | P165000 | 5P42ES027707-02 REVISED | Kroll /Jesse | 04/01/18 | 03/31/19 | 0 | 103,045 | 0 |
| | | 6939311 | C | P165000 | 5P42ES027707-02 REVISED | Selin /Noelle E | 04/01/18 | 03/31/19 | 0 | 29,721 | 0 |
| | | 6939312 | C | P165000 | 5P42ES027707-02 REVISED | Swager /Timothy M | 04/01/18 | 03/31/19 | 0 | 44,464 | (0) |
| | | 6939313 | C | P165000 | 5P42ES027707-02 REVISED | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 171,031 | (0) |
| | | 6939314 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 189,888 | (0) |
| | | 6939315 | C | P165000 | 5P42ES027707-02 REVISED | White /Forest M | 04/01/18 | 03/31/19 | 0 | 60,332 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939316 | C | P152000 | 5R35GM122483-02S1 | Buchwald /Stephen Leffler | 06/01/18 | 05/31/20 | 0 | 50,000 | 0 |
| | | 6939317 | C | P069201 | 1U01CA214381-01A1 | Kamm /Roger Dale | 09/01/18 | 08/31/19 | 0 | 223,924 | (0) |
| | | 6939334 | C | P151059 | 5-R01-GM129007-04 | Keating /Amy E | 09/01/18 | 08/31/22 | 254,555 | 1,408,292 | 240,571 |
| | | 6939337 | C | P400600 | 5-U24-OD026638-04 | Feng /Guoping | 09/01/18 | 07/31/22 | (647,352) | 1,590,000 | (76,551) |
| | | 6939340 | C | P243021 | 2R01GM066976-14A1S1 | Hong /Mei | 02/01/18 | 04/30/19 | 0 | 52,259 | 0 |
| | | 6939346 | C | P159300 | 5-K99-EY029326-02 REVISED | Fong /Ming-fai | 08/05/18 | 09/30/21 | (9,584) | 250,485 | 0 |
| | | 6939351 | C | P069201 | 1U01CA214381-01A1 | Kamm /Roger Dale | 09/01/18 | 08/31/19 | 0 | 300,421 | 0 |
| | | 6939352 | C | P069201 | 1U01CA214381-01A1 | Kamm /Roger Dale | 09/01/18 | 08/31/19 | 0 | 178,107 | (0) |
| | | 6939360 | C | P402000 | 5-K99-CA234221-02S1 | Lau /Allison N. | 09/01/18 | 08/31/21 | 58,811 | 386,401 | 0 |
| | | 6939412 | C | P165000 | 3-P30-ES002109-38S1 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 16,536 | 0 |
| | | 6939416 | C | P062000 | 5-R01-EB026344-04 | Hammond /Paula T | 09/15/18 | 05/31/23 | 255,663 | 1,120,860 | 26,697 |
| | | 6939427 | C | P152000 | 5-U01-CA231079-03 | Kiessling /Laura L | 09/01/18 | 08/31/21 | 0 | 0 | 0 |
| | | 6939428 | C | P152000 | 1-U01-CA231079-01 | Kiessling /Laura L | 09/01/18 | 08/31/19 | 0 | 176,821 | 0 |
| | | 6939429 | C | P151072 | 1-U01-CA231079-01 | Imperiali /Barbara | 09/01/18 | 08/31/19 | 0 | 221,793 | 0 |
| | | 6939441 | C | P402000 | 3-K99-EB025254-02S1 | Bose /Suman | 09/01/18 | 08/31/22 | 66,744 | 262,088 | 33,971 |
| | | 6939443 | C | P402000 | 5-R01-EB000244-41 | Langer /Robert S | 08/07/18 | 04/30/23 | 474,805 | 1,910,921 | 423,216 |
| | | 6939472 | C | P067952 | 5-R01-AG062335-04 | Kellis /Manolis | 09/30/18 | 05/31/22 | 828,464 | 3,968,954 | 142,105 |
| | | 6939473 | C | P402000 | 5-U54-CA217377-02 REVISED | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 29,354 | (0) |
| | | 6939480 | C | P154500 | 5-R01-EY020517-11 | Sinha /Pawan | 07/01/18 | 06/30/23 | 505,341 | 2,693,244 | 1,354,991 |
| | | 6939485 | C | P159300 | 1-RF1-AG062377-01 REVISED | Tsai /Li-Huei | 09/30/18 | 03/31/23 | 335,722 | 2,188,594 | 469,864 |
| | | 6939504 | C | P159300 | 5-R01-EY029245-04 REVISED | Bear /Mark | 09/30/18 | 07/31/23 | 508,934 | 2,433,730 | 63,538 |
| | | 6939528 | C | P159300 | 5-K99-MH116100-02S1 | Bastos /Andre M | 09/07/18 | 04/15/21 | (2) | 258,984 | (0) |
| | | 6939529 | C | P267111 | 5-R01-DC000238-33 | Freeman /Dennis M | 08/07/18 | 11/30/22 | 2,710 | 97,206 | 13,364 |
| | | 6939555 | C | P069201 | 5U01CA215798-02 | Lauffenburger /Douglas A | 04/01/18 | 03/31/19 | 0 | 97,343 | 0 |
| | | 6939556 | C | P069201 | 5U01CA215798-02 | Lauffenburger /Douglas A | 04/01/18 | 03/31/19 | 0 | 15,786 | 0 |
| | | 6939574 | C | P400600 | 1 RF1 MH117809-01 | Fee /Michale Sean | 09/21/18 | 09/20/21 | 259,912 | 1,915,889 | 26,900 |
| | | 6939576 | C | P069201 | 1-UF-1NS107712-01 REVISED | Jasanoff /Alan Pradip | 09/30/18 | 09/29/21 | 4,616 | 1,377,584 | 0 |
| | | 6939577 | C | P067952 | 3-R01-HG008754-03S1 | Gifford /David K | 09/19/18 | 06/30/22 | 6,302 | 241,650 | 0 |
| | | 6939595 | C | P152000 | 5-P41-EB015871-32 | So /Peter T. C. | 06/18/17 | 05/31/20 | 0 | 74,649 | 0 |
| | | 6939640 | C | P159300 | 1-R01-AG062335-01 | Tsai /Li-Huei | 09/30/18 | 05/31/22 | 229,092 | 1,226,488 | 198,911 |
| | | 6939647 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 09/30/18 | 06/30/22 | 0 | 96,127 | 96,127 |
| | | 6939648 | C | P154500 | 2-P30-EY002621-41 | DiCarlo /James | 09/30/18 | 06/30/19 | 0 | 8,350 | 0 |
| | | 6939681 | C | P069201 | 1-R01-EB026344-01 | Grodzinsky /Alan J | 09/15/18 | 05/31/23 | 372,004 | 1,039,534 | 23,632 |
| | | 6939689 | C | P067952 | 1-U01-NS110453-02 | Kellis /Manolis | 09/30/18 | 08/31/22 | 0 | 0 | 0 |
| | | 6939690 | C | P067952 | 1-U01-NS110453-01 | Kellis /Manolis | 09/30/18 | 09/30/19 | 0 | 0 | 0 |
| | | 6939701 | C | P159300 | 3-R01-EY025437-04S1 | Nedivi /Elly | 06/01/18 | 05/31/19 | 0 | 103,350 | 0 |
| | | 6939710 | C | P402000 | 3-U54-CA210180-03S1 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 107,900 | 0 |
| | | 6939714 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 69,848 | 0 |
| | | 6939715 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 17,423 | 0 |
| | | 6939736 | C | P159300 | 5-U01-MH117072-04 | Chung /Kwanghun | 08/22/18 | 05/31/22 | 0 | 138,345 | 138,345 |
| | | 6939737 | C | P159300 | 1-U01-MH117072-01 | Chung /Kwanghun | 08/22/18 | 05/31/19 | 0 | 1,236,639 | 0 |
| | | 6939741 | C | P154500 | 2-P30-EY002621-41 | DiCarlo /James | 09/30/18 | 06/30/19 | 0 | 316,061 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939742 | C | P154500 | 2-P30-EY002621-41 | DiCarlo /James | 09/30/18 | 06/30/19 | 0 | 7,535 | 0 |
| | | 6939743 | C | P154500 | 2-P30-EY002621-41 | DiCarlo /James | 09/30/18 | 06/30/19 | 0 | 129,187 | 0 |
| | | 6939750 | C | P067952 | 1-U01-NS110453-01 | Kellis /Manolis | 09/30/18 | 08/31/19 | 0 | 852,646 | (0) |
| | | 6939751 | C | P159300 | 1-U01-NS110453-01 | Tsai /Li-Huei | 09/30/18 | 08/31/19 | 0 | 495,933 | 0 |
| | | 6939872 | C | P243021 | 1-R21-GM129688-01 | Park /Dongkeun | 07/01/18 | 06/30/21 | 0 | 72,237 | 0 |
| | | 6939904 | C | P267500 | 5-R01-MH111872-03 | Anikeeva /Polina Olegovna | 07/01/16 | 06/30/21 | 7,048 | 159,327 | 0 |
| | | 6939931 | C | P400600 | 3-R01-DC016607-01A1S1 | Fedorenko /Evelina G | 11/01/18 | 04/30/21 | 0 | 158,940 | (76) |
| | | 6939978 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 40,655 | 0 |
| | | 6939993 | C | P152000 | 5-R01-GM089732-11 | Movassaghi /Mohammad | 12/01/18 | 11/30/21 | 107,719 | 1,361,202 | 0 |
| | | 6940025 | C | P402000 | 5-R01-CA226898-04 | Yaffe /Michael B | 12/07/18 | 11/30/22 | 0 | 323,785 | 323,785 |
| | | 6940080 | C | P400600 | 5-R01-EY029666-04 | Desimone /Robert | 01/01/19 | 12/31/22 | 641,575 | 1,977,213 | 143,705 |
| | | 6940099 | C | P151070 | 5-R01GM105984-08 REVISED | Martin /Adam C | 01/01/19 | 12/31/22 | 230,830 | 989,902 | 0 |
| | | 6940206 | C | P151072 | 5-R01-GM131627-02 REVISED | Imperiali /Barbara | 02/01/19 | 07/31/21 | 59,232 | 575,664 | 0 |
| | | 6940230 | C | P402000 | 1-R01-CA226898-01A1 | Yaffe /Michael B | 12/07/18 | 11/30/22 | 189,758 | 880,877 | 127,571 |
| | | 6940231 | C | P402000 | 1-R01-CA226898-01A1 | Hemann /Michael | 12/07/18 | 11/30/22 | 94,453 | 600,400 | 72,470 |
| | | 6940247 | C | P152000 | 5-P41-EB015871-32 | So /Peter T. C. | 06/18/17 | 09/30/20 | 0 | 32,924 | 0 |
| | | 6940264 | C | P151054 | 1-R01-CA226898-01A1 | Burge /Christopher B | 12/07/18 | 11/30/22 | 87,590 | 340,926 | 9,781 |
| | | 6940331 | C | P067952 | 1-RF1-AG062377-01 REVISED | Kellis /Manolis | 09/30/18 | 06/30/23 | 185,218 | 1,424,674 | 48,038 |
| | | 6940355 | C | P402000 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 7,862 | 0 |
| | | 6940367 | C | P159300 | 5-R01-MH104536-09 | Littleton /J. Troy | 12/01/18 | 12/31/22 | 126,016 | 1,539,988 | 327,016 |
| | | 6940394 | C | P159300 | 1-U19-AI131135-01 | Chung /Kwanghun | 04/01/18 | 03/31/19 | 0 | 1,617 | 0 |
| | | 6940415 | C | P039070 | 5-R01-HD097135-04 REVISED | Herr /Hugh M | 03/14/19 | 02/28/23 | 396,989 | 2,281,937 | 525,753 |
| | | 6940433 | C | P152000 | 5-R01-GM044783-28 | Raines /Ronald T | 07/01/18 | 08/31/20 | 0 | 205,332 | 52,878 |
| | | 6940460 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 62,451 | 0 |
| | | 6940463 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 11,475 | 0 |
| | | 6940464 | C | P165000 | 5P42ES027707-02 REVISED | Vandiver /Kathleen | 04/01/19 | 03/31/20 | 0 | 55,846 | 0 |
| | | 6940465 | C | P165000 | 5P42ES027707-02 REVISED | Essigmann /John M | 04/01/19 | 03/31/20 | 0 | 138 | (0) |
| | | 6940467 | C | P165000 | 3P42ES027707-03 | Hemond /Harold F | 04/01/19 | 03/31/20 | 0 | 101,194 | 0 |
| | | 6940468 | C | P165000 | 5P42ES027707-02 REVISED | Swager /Timothy M | 04/01/19 | 03/31/20 | 0 | 53,293 | 0 |
| | | 6940470 | C | P165000 | 3P24ES027707-03 | Kroll /Jesse | 04/01/19 | 03/31/20 | 0 | 99,369 | (0) |
| | | 6940471 | C | P165000 | 3P24ES027707-03 | Selin /Noelle E | 04/01/19 | 03/31/20 | 0 | 114,701 | (0) |
| | | 6940472 | C | P165000 | 5P42ES027707-02 REVISED | Swager /Timothy M | 04/01/19 | 03/31/20 | 0 | 51,428 | 0 |
| | | 6940473 | C | P165000 | 5P42ES027707-02 REVISED | Essigmann /John M | 04/01/19 | 03/31/20 | 0 | 257,588 | (0) |
| | | 6940474 | C | P165000 | 5P42ES027707-02 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 173,540 | 0 |
| | | 6940475 | C | P165000 | 5P42ES027707-02 REVISED | White /Forest M | 04/01/19 | 03/31/20 | 0 | 149,387 | 0 |
| | | 6940481 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 0 | 0 |
| | | 6940483 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 166,405 | 0 |
| | | 6940484 | C | P165000 | 5P30ES002109-39 | Vandiver /Kathleen | 04/01/19 | 03/31/20 | 0 | 100,692 | 0 |
| | | 6940485 | C | P165000 | 5P30ES002109-39 | Fox /James G | 04/01/19 | 03/31/20 | 0 | 170,535 | 0 |
| | | 6940486 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 63,876 | 0 |
| | | 6940487 | C | P165000 | 5P30ES002109-39 | Levine /Stuart S. | 04/01/19 | 03/31/20 | 0 | 122,179 | 0 |
| | | 6940488 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 17,729 | 0 |
| | | 6940554 | C | P243021 | 5-P41-GM132079 -03 | Griffin /Robert Guy | 04/01/19 | 05/31/23 | 68,414 | 1,260,200 | 0 |
| | | 6940564 | C | P069201 | 5 U01 CA215798-03 | Lauffenburger /Douglas A | 04/01/19 | 03/31/20 | 0 | 119,994 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940570 | C | P069201 | 5 U01 CA215798-03 | Lauffenburger /Douglas A | 04/01/19 | 03/31/20 | 0 | 669,327 | 0 |
| | | 6940592 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 25,254 | 0 |
| | | 6940593 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 2,817 | 0 |
| | | 6940595 | C | P165000 | 5P30ES002109-39 | Belcher /Angela M | 04/01/19 | 03/31/20 | 0 | 13,347 | 0 |
| | | 6940597 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 12/31/19 | 0 | 959 | 0 |
| | | 6940598 | C | P165000 | 5P30ES002109-39 | Kroll /Jesse | 04/01/19 | 03/31/20 | 0 | 23,050 | 0 |
| | | 6940600 | C | P165000 | 5P30ES002109-39 | Essigmann /John M | 04/01/19 | 03/31/20 | 0 | 31,841 | 0 |
| | | 6940645 | C | P061901 | 1-U01-MH117072-01 | Chung /Kwanghun | 12/21/18 | 01/10/19 | 0 | 10,669 | 0 |
| | | 6940659 | C | P061901 | 5-U19-AI131135-03 | Gehrke /Lee | 04/01/19 | 03/31/20 | 0 | 1,334,334 | (0) |
| | | 6940660 | C | P061901 | 5-U19-AI131135-03 | Gehrke /Lee | 04/01/19 | 03/31/20 | 0 | 104,601 | (0) |
| | | 6940703 | C | P400600 | 5-U01-MH108168-04S1 REVISED | Whitfield-Gabrieli /Susan | 09/16/15 | 06/30/21 | 3,762 | 359,766 | 0 |
| | | 6940725 | C | P165000 | 5-R01-EB017755-08 REVISED | Ribbeck /Katharina | 05/01/19 | 01/31/23 | 396,249 | 1,514,666 | 199,874 |
| | | 6940730 | C | P165000 | 2-R01-EB017755-05 | Ribbeck /Katharina | 05/01/19 | 01/31/23 | 107,069 | 418,760 | 188,294 |
| | | 6940739 | C | P243021 | 5-R01-GM132997-34 | Griffin /Robert Guy | 05/01/19 | 05/31/23 | 413,117 | 2,035,515 | 695,220 |
| | | 6940760 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 55,975 | 0 |
| | | 6940761 | C | P402000 | 5-U54-CA217377-03 | Koehler /Angela Nicole | 05/01/19 | 04/30/20 | 0 | 54,549 | (0) |
| | | 6940762 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 104,688 | (0) |
| | | 6940763 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 140,893 | 0 |
| | | 6940764 | C | P402000 | 5-U54-CA217377-03 | Lauffenburger /Douglas A | 05/01/19 | 04/30/20 | 0 | 134,158 | 0 |
| | | 6940769 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 44,876 | (0) |
| | | 6940770 | C | P402000 | 5-U54-CA217377-03 | Lauffenburger /Douglas A | 05/01/19 | 04/30/20 | 0 | 42,268 | 0 |
| | | 6940771 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 483,332 | 0 |
| | | 6940773 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 129,544 | 0 |
| | | 6940774 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 154,294 | 0 |
| | | 6940776 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 204,093 | 0 |
| | | 6940780 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 204,093 | 0 |
| | | 6940879 | C | P159300 | 5-U01-MH117072-02 | Chung /Kwanghun | 06/01/19 | 05/31/20 | 0 | 2,023,534 | 0 |
| | | 6940881 | C | P069201 | 5-R01-AI141543-03 | Niles /Jacquin | 06/03/19 | 08/31/22 | 382,568 | 1,130,417 | (61,705) |
| | | 6940951 | C | P159300 | 5-R21-MH120440-02 | Littleton /J. Troy | 06/01/19 | 04/30/22 | 19,485 | 426,250 | 232 |
| | | 6940954 | C | P154500 | 5-R01DC017970-03 | McDermott /Joshua Hartman | 08/01/19 | 08/31/22 | 279,519 | 963,625 | 147,819 |
| | | 6940974 | C | P402000 | 3-U01-CA238720-03S1 | White /Forest M | 06/01/19 | 05/31/24 | 0 | 1 | 1 |
| | | 6940975 | C | P402000 | 1-U01-CA238720-01 | White /Forest M | 06/01/19 | 05/31/20 | 0 | 182,799 | (0) |
| | | 6940976 | C | P402000 | 1-U01-CA238720-01 | White /Forest M | 06/01/19 | 05/31/20 | 0 | 88,222 | 0 |
| | | 6941022 | C | P062000 | 5-R01-CA235740-04 | Doyle /Patrick S | 06/10/19 | 05/31/23 | 288,456 | 1,423,388 | 370,694 |
| | | 6941046 | C | P152000 | 5-P41-EB015871-33 | So /Peter T. C. | 09/18/17 | 08/31/20 | 0 | 30,000 | 0 |
| | | 6941049 | C | P151020 | 5-R01-GM031030-38 | Walker /Graham C | 07/01/19 | 06/30/22 | 201,451 | 832,478 | 79,994 |
| | | 6941050 | C | P069201 | 5-U01-CA184898-06 | Fraenkel /Ernest | 06/01/19 | 05/31/21 | (5) | 221,769 | 0 |
| | | 6941055 | C | P165000 | 2-R01-EB017755-05 | Kiessling /Laura L | 05/01/19 | 01/31/23 | 111,445 | 345,000 | 38,751 |
| | | 6941065 | C | P400600 | 5-U01-MH114819-03 | Feng /Guoping | 06/01/19 | 05/31/20 | 0 | 1,244,574 | (123,460) |
| | | 6941066 | C | P400600 | 5-U01-MH114819-03 | Boyden /Edward | 06/01/19 | 05/31/20 | 0 | 120,000 | (0) |
| | | 6941080 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 6,746 | 0 |
| | | 6941081 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 779 | 0 |
| | | 6941082 | C | P165000 | 5P42ES027707-03 REVISED | Vandiver /Kathleen | 04/01/19 | 03/31/20 | 0 | 6,972 | 0 |
| | | 6941084 | C | P165000 | 5P42ES027707-03 REVISED | Hemond /Harold F | 04/01/19 | 03/31/20 | 0 | 38,165 | 0 |
| | | 6941085 | C | P165000 | 5P42ES027707-03 REVISED | Kroll /Jesse | 04/01/19 | 03/31/20 | 0 | 10,913 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941086 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/19 | 03/31/20 | 0 | 43,965 | 0 |
| | | 6941087 | C | P165000 | 5P42ES027707-03 REVISED | Essigmann /John M | 04/01/19 | 03/31/20 | 0 | 95,480 | (0) |
| | | 6941088 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 120,728 | 0 |
| | | 6941092 | C | P402000 | 5-R21-CA236685-03 | Manalis /Scott R | 09/01/19 | 08/31/22 | 69,157 | 353,307 | 85,897 |
| | | 6941109 | C | P402000 | 5-R01-CA235375-03 | Hammond /Paula T | 07/01/19 | 06/30/22 | 306,198 | 727,287 | (74,253) |
| | | 6941110 | C | P402000 | 1-K99-EB028311-01 REVISED | Chan /Leslie W | 07/01/19 | 06/30/21 | (150) | 87,484 | 0 |
| | | 6941118 | C | P151039 | 5-T32-GM007287-45 | Bell /Stephen P | 07/01/19 | 06/30/21 | 117 | 2,002,249 | (0) |
| | | 6941142 | C | P152000 | 3-R01-GM044783-27S1 | Raines /Ronald T | 07/01/18 | 02/28/20 | 0 | 125,000 | 0 |
| | | 6941152 | C | P159300 | 5-U19-AI131135-03 | Chung /Kwanghun | 04/01/19 | 03/31/20 | 0 | 38,383 | (0) |
| | | 6941153 | C | P154500 | 5-T32-NS105587-03 | DiCarlo /James | 07/01/19 | 06/30/22 | 0 | 31,993 | 31,993 |
| | | 6941157 | C | P069201 | 5-U01-EB029132-02 | Griffith /Linda G | 09/30/19 | 06/30/21 | 0 | 67,866 | 67,866 |
| | | 6941213 | C | P165000 | 5P30ES002109-39 | Niles /Jacquin | 04/01/19 | 03/31/20 | 0 | 125,669 | 0 |
| | | 6941219 | C | P151000 | 5-T32-GM087237-12 | Burge /Christopher B | 07/01/19 | 06/30/22 | 0 | 67,828 | 67,828 |
| | | 6941222 | C | P151000 | 2-T32-GM087237-11 | Burge /Christopher B | 07/01/19 | 06/30/20 | 0 | 313,350 | 0 |
| | | 6941228 | C | P400600 | 5R24MH117295-04 | Ghosh /Satrajit S | 08/01/19 | 04/30/23 | 1,254,738 | 5,152,918 | 2,229,806 |
| | | 6941278 | C | P152000 | 5-R21-GM134240-02 | Radosevich /Alexander T. | 08/01/19 | 07/31/21 | (3,006) | 376,513 | (0) |
| | | 6941286 | C | P417500 | 5-R01-GM134734-04 | Gore /Jeff | 08/01/19 | 04/30/23 | 250,297 | 1,156,337 | 159,716 |
| | | 6941315 | C | P159300 | 1DP2ES027992 | Chung /Kwanghun | 07/01/19 | 06/30/21 | 2,468 | 2,468 | 0 |
| | | 6941316 | C | P400600 | 1-RF1-MH120017-01 | Wickersham /Ian R. | 08/01/19 | 07/31/23 | 563,193 | 2,634,774 | 834,021 |
| | | 6941319 | C | P152000 | 5-R35-GM133580-04 | Zhang /Bin | 08/01/19 | 05/31/23 | 449,275 | 1,510,220 | 279,250 |
| | | 6941322 | C | P159300 | 1-RF1-DA049005-01 | Sur /Mriganka | 08/15/19 | 07/31/22 | 83,510 | 668,385 | 233,409 |
| | | 6941358 | C | P400600 | 5-R01-NS113245-04 | Feng /Guoping | 07/01/19 | 05/31/23 | 191,449 | 1,818,872 | 886,280 |
| | | 6941359 | C | P154500 | 1-R01-NS113245-01 | Halassa /Michael | 07/01/19 | 05/31/22 | 337,236 | 1,014,660 | 79,835 |
| | | 6941370 | C | P061901 | 5-U19-AI131135-03 | Gehrke /Lee | 04/01/19 | 03/31/20 | 0 | 211,213 | 0 |
| | | 6941373 | C | P400600 | 5-R01-NS113079-04 | Harnett /Mark Thomas | 08/15/19 | 05/31/23 | 527,617 | 1,779,768 | 351,712 |
| | | 6941374 | C | P402000 | 5-R01-CA233477-03 | Hemann /Michael | 08/14/19 | 07/31/22 | 258,481 | 1,022,381 | 99,963 |
| | | 6941383 | C | P154500 | 1-T32-NS105587-01A1 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 217,711 | 0 |
| | | 6941389 | C | P400600 | 5-R01-MH122025-04 | Jazayeri /Mehrdad | 08/19/19 | 05/31/23 | 99,147 | 861,471 | 271,466 |
| | | 6941401 | C | P151059 | 5-R01-GM110048-06 | Keating /Amy E | 09/01/19 | 08/31/22 | 168,401 | 626,036 | 15,909 |
| | | 6941411 | C | P402000 | 1-R01-CA235375-01A1 | Irvine /Darrell J | 07/01/19 | 06/30/22 | 56,418 | 238,110 | (1,901) |
| | | 6941482 | C | P152000 | 1DP2GM128200-01 | Schlau-Cohen /Gabriela S | 08/01/19 | 05/31/22 | 0 | 29,374 | 0 |
| | | 6941490 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 34,277 | (0) |
| | | 6941491 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 67,776 | 0 |
| | | 6941492 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 49,762 | 0 |
| | | 6941493 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 14,891 | 0 |
| | | 6941495 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 5,104 | 0 |
| | | 6941496 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 57,956 | (0) |
| | | 6941498 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 35,269 | 0 |
| | | 6941499 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 16,960 | 0 |
| | | 6941502 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 8,283 | (0) |
| | | 6941503 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 62,077 | 0 |
| | | 6941505 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 79,045 | 0 |
| | | 6941507 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 7,500 | 0 |
| | | 6941510 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 46,700 | 0 |
| | | 6941511 | C | P402000 | 5-U54CA210180-04 | Lauffenburger /Douglas A | 08/01/19 | 07/31/20 | 0 | 91,644 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941512 | C | P402000 | 5-U54CA210180-04 | Wittrup /Karl Dane | 08/01/19 | 07/31/20 | 0 | 76,474 | (0) |
| | | 6941513 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 51,289 | 0 |
| | | 6941514 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 62,640 | 0 |
| | | 6941515 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 207,580 | 0 |
| | | 6941516 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 80,302 | 0 |
| | | 6941517 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 176,226 | 0 |
| | | 6941518 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 39,770 | 0 |
| | | 6941519 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 57,642 | 0 |
| | | 6941520 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 173,116 | 0 |
| | | 6941521 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 223,378 | 0 |
| | | 6941522 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 170,475 | 0 |
| | | 6941547 | C | P069201 | 5 U01 CA215798-03 REVISED | Lauffenburger /Douglas A | 04/01/19 | 03/31/20 | 0 | 21,868 | 0 |
| | | 6941556 | C | P400600 | 1-RF1-DA049005-01 | Boyden /Edward | 08/15/19 | 07/31/22 | 0 | 210,000 | (5) |
| | | 6941610 | C | P159300 | 5-R01-MH122270-03 | Choi /Bohyun Gloria | 09/10/19 | 06/30/22 | 555,300 | 1,736,487 | (75,423) |
| | | 6941614 | C | P069201 | 5-R21-NS105027-02 | Kamm /Roger Dale | 09/15/19 | 08/31/21 | 4,121 | 231,589 | 0 |
| | | 6941617 | C | P152000 | 1-U01-CA231079-01 | Kiessling /Laura L | 09/01/19 | 08/31/20 | 0 | 262,445 | 0 |
| | | 6941618 | C | P151072 | 1-U01-CA231079-01 | Imperiali /Barbara | 09/01/19 | 08/31/20 | 0 | 243,129 | (0) |
| | | 6941620 | C | P152000 | 5-R21-GM135780-02 | Raines /Ronald T | 06/20/19 | 08/31/21 | (23,454) | 399,780 | (0) |
| | | 6941623 | C | P067952 | 5-U01-NS110453-02 | Kellis /Manolis | 09/01/19 | 08/31/22 | 0 | 883,786 | 0 |
| | | 6941658 | C | P069201 | 5-U01-CA214381-03 | Kamm /Roger Dale | 09/01/19 | 08/31/20 | 0 | 284,449 | (0) |
| | | 6941659 | C | P069201 | 5-U01-CA214381-03 | Kamm /Roger Dale | 09/01/19 | 08/31/20 | 0 | 285,941 | 0 |
| | | 6941664 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 106,714 | 0 |
| | | 6941673 | C | P151073 | 3-R35-GM124732-03S1 | Li /Gene-Wei | 09/01/17 | 08/31/20 | 0 | 57,971 | 0 |
| | | 6941689 | C | P165000 | 5-R01-ES031576-04 | Dedon /Peter C | 09/20/19 | 05/31/23 | 271,758 | 1,001,792 | 378,525 |
| | | 6941691 | C | P152000 | 3-R35-GM122483-03S1 | Buchwald /Stephen Leffler | 09/01/19 | 05/31/22 | 12,453 | 132,930 | (403) |
| | | 6941692 | C | P061901 | 5-R01-EB017205-07 | Celi /Leo Anthony G. | 09/21/19 | 05/31/23 | 424,881 | 1,173,888 | 136,103 |
| | | 6941695 | C | P069201 | 5-U01-CA214381-03 REVISED | Kamm /Roger Dale | 09/01/19 | 08/31/20 | 0 | 87,165 | 0 |
| | | 6941732 | C | P069201 | 3-U01-CA202177-05S2 | Coughlin /Mark Frederick | 09/22/15 | 08/31/21 | 37,547 | 398,559 | 0 |
| | | 6941749 | C | P165000 | 5P30ES002109-39 | Nolan /Elizabeth Marie | 07/01/19 | 03/31/20 | 0 | 8,693 | 0 |
| | | 6941750 | C | P165000 | 5P30ES002109-39 | Plata /Desiree Louise | 07/01/19 | 03/31/20 | 0 | 7,744 | 0 |
| | | 6941753 | C | P069201 | 1-U01-EB029132-01 | Griffith /Linda G | 09/30/19 | 06/30/20 | 0 | 482,330 | 0 |
| | | 6941759 | C | P159300 | 1-RF1-MH121270-01 REVISED | Chung /Kwanghun | 09/26/19 | 08/31/23 | 1,737,617 | 4,507,564 | 520,328 |
| | | 6941766 | C | P154500 | 5-P30-EY002621-42 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 7,605 | 0 |
| | | 6941767 | C | P154500 | 5-P30-EY002621-42 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 288,272 | (0) |
| | | 6941768 | C | P154500 | 5-P30-EY002621-42 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 146,323 | (0) |
| | | 6941769 | C | P154500 | 5-P30-EY002621-42 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 125,008 | 0 |
| | | 6941782 | C | P069201 | 5-R21-NS105027-02 | Kamm /Roger Dale | 09/15/19 | 08/31/21 | 159,306 | 223,275 | 0 |
| | | 6941786 | C | P152000 | 5-R56-AR044276-24 | Raines /Ronald T | 06/20/19 | 08/31/22 | 233,022 | 829,855 | (14,656) |
| | | 6941790 | C | P165000 | 1-R01-ES031576-01 | Alm /Eric J | 09/20/19 | 05/31/23 | 180,793 | 470,708 | 62,138 |
| | | 6941799 | C | P402000 | 5-R35-CA242379-02 | Vander Heiden /Matthew G. | 09/10/19 | 08/31/22 | 0 | 130,920 | 130,920 |
| | | 6941831 | C | P402000 | 1R35CA242379-01 | Vander Heiden /Matthew G. | 09/01/19 | 08/31/20 | 0 | 672,091 | (0) |
| | | 6941836 | C | P165000 | 3P42ES027707-03S1 | Selin /Noelle E | 09/11/19 | 03/31/20 | 0 | 98,119 | 0 |
| | | 6941884 | C | P159300 | 3-R01-NS104892-03S1 REVISED | Flavell /Steven Willem | 06/25/17 | 05/31/20 | 0 | 69,029 | 0 |
| | | 6941889 | C | P243021 | 9-R01-GM132997-31 | Griffin /Robert Guy | 05/01/19 | 05/31/23 | 0 | 58,760 | (51,443) |
| | | 6941952 | C | P152000 | 5-P41-EB015871-33 | So /Peter T. C. | 11/01/19 | 09/30/20 | (1,727) | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942015 | C | P243021 | 1-RF1-AG058504-01 REVISED | Griffin /Robert Guy | 07/01/18 | 03/31/22 | 6,651 | 37,000 | 20,763 |
| | | 6942026 | C | P243021 | 1-P41-GM132079 -01 | Griffin /Robert Guy | 09/01/19 | 05/31/20 | (68,414) | 0 | 0 |
| | | 6942045 | C | P165000 | 3P42ES027707-03S1 | So /Peter T. C. | 09/11/19 | 03/31/20 | 0 | 53,450 | 0 |
| | | 6942186 | C | P061901 | 5-K99-CA237861-02 | Hao /Liangliang | 12/01/19 | 11/30/22 | 14,270 | 202,668 | 20,751 |
| | | 6942191 | C | P402000 | 5-R01-CA233983-03 REVISED | Jacks /Tyler E | 12/01/19 | 11/30/22 | 351,098 | 983,088 | 92,830 |
| | | 6942270 | C | P159300 | 1-UG3-NS115064-01 | Tsai /Li-Huei | 09/20/19 | 05/31/21 | (36,526) | 670,818 | 0 |
| | | 6942273 | C | P402000 | 5-R01-CA247632-03 REVISED | Irvine /Darrell J | 01/01/20 | 12/31/22 | 247,270 | 949,264 | 180,534 |
| | | 6942349 | C | P154500 | 5-P30-EY002621-42 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 68,434 | 0 |
| | | 6942392 | C | P061901 | 5-U19-AI131135-03 | Gehrke /Lee | 04/01/19 | 03/31/20 | 0 | 53,573 | (0) |
| | | 6942470 | C | P400600 | 5-U01-MH114819-03 | Feng /Guoping | 06/01/19 | 05/31/20 | 0 | 150,514 | 150,514 |
| | | 6942506 | C | P151062 | 5-K99-GM135536-02 | Wang /Boyuan | 12/01/19 | 09/01/21 | 14,875 | 150,287 | 0 |
| | | 6942515 | C | P402000 | 5-R01-EB027717-03 REVISED | Langer /Robert S | 02/01/20 | 11/30/22 | 276,178 | 664,864 | 140,456 |
| | | 6942546 | C | P152000 | 5-R01-GM114547-09 | Radosevich /Alexander T. | 03/01/20 | 02/28/23 | 397,917 | 1,197,841 | 164,317 |
| | | 6942551 | C | P159300 | 1-RF1-DA049005-01 | Sur /Mriganka | 08/15/19 | 07/31/22 | 219,714 | 668,449 | 8,506 |
| | | 6942571 | C | P154500 | 5-R01-MH120118-03 REVISED | Halassa /Michael | 02/15/20 | 12/31/22 | 487,215 | 1,441,096 | 364,038 |
| | | 6942574 | C | P069201 | 5-R00-GM130896-04 | Hansen /Anders Sejr | 02/01/20 | 01/31/23 | 105,781 | 747,000 | 214,397 |
| | | 6942597 | C | P402010 | 1-R01-EB027717-01A1 | Cima /Michael J | 02/01/20 | 11/30/22 | 243,111 | 602,269 | 107,366 |
| | | 6942598 | C | P402010 | 1-R01-EB027717-01A1 | White /Forest M | 02/01/20 | 11/30/22 | 211,210 | 602,269 | 142,073 |
| | | 6942611 | C | P402000 | 1-UG3-NS115064-01 | Langer /Robert S | 09/20/19 | 05/31/21 | 2,235 | 304,529 | 0 |
| | | 6942688 | C | P159300 | 5-R01-GM135413-03 | Flavell /Steven Willem | 02/19/20 | 01/31/23 | 290,318 | 841,756 | 94,849 |
| | | 6942733 | C | P402000 | 1-R21-CA236685-01 | Manalis /Scott R | 09/01/19 | 08/31/22 | 18,934 | 211,340 | 71,741 |
| | | 6942751 | C | P152000 | 5-R01-AI055258-18 | Kiessling /Laura L | 05/01/20 | 04/30/23 | 595,359 | 1,405,028 | 239,886 |
| | | 6942756 | C | P402000 | 5-K99-CA241072-02 | Jaeger /Alexander M | 03/01/20 | 02/28/22 | 121,325 | 300,446 | 0 |
| | | 6942765 | C | P402000 | 5-R21-AI151827-02 REVISED | Hemann /Michael | 03/01/20 | 02/28/22 | 109,238 | 408,126 | (0) |
| | | 6942774 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/22 | 172,126 | 572,937 | 0 |
| | | 6942776 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/21 | (60,099) | 20,040 | 0 |
| | | 6942777 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/22 | 97,498 | 145,692 | 0 |
| | | 6942779 | C | P402000 | 1-R01-CA247632-01 | Irvine /Darrell J | 01/01/20 | 12/31/22 | 25,914 | 71,668 | 6,589 |
| | | 6942814 | C | P400600 | 5-R01-DA029639-11 REVISED | Boyden /Edward | 04/01/20 | 01/31/23 | 759,408 | 1,821,229 | 394,490 |
| | | 6942823 | C | P152000 | 5-R01-GM136882-03 | Suess /Daniel Leif Migdow | 01/02/20 | 03/31/23 | 265,053 | 877,836 | 127,686 |
| | | 6942840 | C | P400600 | 5-R21-AI149694-02 | Gootenberg /Jonathan S | 03/16/20 | 02/28/22 | 130,559 | 414,150 | 0 |
| | | 6942860 | C | P152000 | 5-R01-GM130936-03 | Cummins /Christopher C | 01/02/20 | 01/31/23 | 211,209 | 845,869 | 352,343 |
| | | 6942913 | C | P069201 | 5U01CA215798-04 | Lauffenburger /Douglas A | 04/05/17 | 03/31/21 | (9,373) | 92,007 | 0 |
| | | 6942914 | C | P069201 | 5U01CA215798-04 | Lauffenburger /Douglas A | 04/05/17 | 03/31/21 | 83,244 | 619,867 | 0 |
| | | 6942916 | C | P267600 | 5-R01-EY011289-36 | Fujimoto /James G | 04/01/20 | 03/31/23 | 399,376 | 1,190,793 | 613,503 |
| | | 6942937 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | (57) | 34,286 | 447 |
| | | 6942938 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 5,481 | 24,577 | 0 |
| | | 6942939 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 191,278 | 109,200 | (102,245) |
| | | 6942940 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 0 | 195,000 | 195,000 |
| | | 6942941 | C | P165000 | 5P30ES002109-39 | Essigmann /John M | 04/01/20 | 12/31/20 | 0 | 29,125 | (0) |
| | | 6942942 | C | P165000 | 5P30ES002109-39 | Essigmann /John M | 04/01/20 | 12/31/20 | 0 | 39,000 | 0 |
| | | 6942943 | C | P165000 | 5P30ES002109-40 | Plata /Desiree Louise | 04/01/20 | 03/31/21 | 0 | 31,292 | 0 |
| | | 6942945 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 33,630 | 330,466 | 2,875 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942946 | C | P165000 | 5P30ES002109-40 | Vandiver /Kathleen | 04/01/20 | 03/31/23 | 559 | 123,331 | 108 |
| | | 6942947 | C | P165000 | 5P30ES002109-39 | Fox /James G | 04/01/20 | 03/31/22 | 0 | 167,793 | (0) |
| | | 6942948 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 21,718 | 120,544 | 52,180 |
| | | 6942949 | C | P165000 | 5P30ES002109-39 | Levine /Stuart S. | 04/01/20 | 03/31/23 | (12,773) | 200,497 | 12,773 |
| | | 6942950 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 1,540 | 19,938 | (0) |
| | | 6942953 | C | P165000 | 5P30ES002109-40 | Niles /Jacquin | 04/01/20 | 03/31/23 | 0 | 0 | 0 |
| | | 6942957 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 38,727 | 0 |
| | | 6942958 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 11,552 | (0) |
| | | 6942959 | C | P165000 | 5P42ES027707-03 REVISED | Vandiver /Kathleen | 04/01/20 | 03/31/21 | 0 | 47,920 | 0 |
| | | 6942960 | C | P165000 | 5P42ES027707-03 REVISED | Essigmann /John M | 04/01/20 | 03/31/21 | 0 | 57 | 0 |
| | | 6942961 | C | P165000 | 5P42ES027707-03 REVISED | Hemond /Harold F | 04/01/20 | 03/31/21 | 0 | 0 | 0 |
| | | 6942962 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/20 | 03/31/21 | 0 | 0 | 0 |
| | | 6942963 | C | P165000 | 5P42ES027707-03 REVISED | Essigmann /John M | 04/01/20 | 03/31/21 | 0 | 265,513 | (0) |
| | | 6942964 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 136,646 | (0) |
| | | 6942965 | C | P165000 | 5P42ES027707-03 REVISED | White /Forest M | 04/01/20 | 03/31/21 | 0 | 149,532 | 0 |
| | | 6942968 | C | P165000 | 5P42ES027707-03 REVISED | Hemond /Harold F | 04/01/20 | 03/31/21 | 0 | 119,026 | (0) |
| | | 6942969 | C | P165000 | 5P42ES027707-03 REVISED | Swager /Timothy M | 04/01/20 | 03/31/21 | 0 | 75,839 | 0 |
| | | 6942970 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/20 | 03/31/21 | 0 | 79,761 | (0) |
| | | 6942971 | C | P165000 | 5P42ES027707-03 REVISED | Kroll /Jesse | 04/01/20 | 03/31/21 | 0 | 105,994 | (0) |
| | | 6942972 | C | P165000 | 5P42ES027707-03 REVISED | Swager /Timothy M | 04/01/20 | 03/31/21 | 0 | 65,557 | 0 |
| | | 6942975 | C | P065004 | 5-RM1-GM135102-03 | Buie /Cullen | 04/01/20 | 03/31/23 | 1,623,278 | 4,649,871 | 1,890,036 |
| | | 6942995 | C | P400600 | 5-R01-MH121802-03 REVISED | Desimone /Robert | 04/07/20 | 01/31/23 | 268,168 | 677,700 | 148,113 |
| | | 6943031 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 0 | 59,753 | 0 |
| | | 6943032 | C | P402000 | 5-U54-CA217377-04 | Koehler /Angela Nicole | 04/01/20 | 04/30/21 | 0 | 12,258 | 0 |
| | | 6943033 | C | P402000 | 5-U54-CA217377-04 | Koehler /Angela Nicole | 05/01/20 | 04/30/21 | 0 | 696 | 0 |
| | | 6943034 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 0 | 73,824 | 0 |
| | | 6943035 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 8,116 | 145,250 | 0 |
| | | 6943036 | C | P402000 | 5-U54-CA217377-04 | Lauffenburger /Douglas A | 05/01/20 | 04/30/21 | 0 | 96,200 | 0 |
| | | 6943037 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 8,495 | 551,779 | 0 |
| | | 6943038 | C | P402000 | 5-U54-CA217377-04 | Lauffenburger /Douglas A | 05/01/20 | 04/30/21 | 148 | 43,575 | 0 |
| | | 6943039 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 0 | 149,976 | 0 |
| | | 6943040 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 0 | 135,646 | 0 |
| | | 6943041 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 0 | 0 | 0 |
| | | 6943042 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 13,006 | 210,405 | 0 |
| | | 6943047 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | 1,109 | 210,405 | 0 |
| | | 6943061 | C | P061901 | 5-U19-AI131135-04 REVISED | Gehrke /Lee | 04/01/20 | 03/31/21 | (100) | 1,320,675 | (0) |
| | | 6943062 | C | P061901 | 5-U19-AI131135-04 | Gehrke /Lee | 04/01/20 | 03/31/21 | 0 | 64,739 | (0) |
| | | 6943079 | C | P267500 | 1-R01-NS115576-01 REVISED | Anikeeva /Polina Olegovna | 05/01/20 | 04/30/23 | 182,927 | 1,048,282 | 628,728 |
| | | 6943128 | C | P165000 | 5P30ES002109-39 | Nolan /Elizabeth Marie | 04/01/20 | 10/31/20 | 0 | 30,307 | (0) |
| | | 6943139 | C | P159300 | 5-K99EB027706-02 | Yildirim /Murat | 05/01/20 | 08/31/22 | 100,341 | 183,972 | (2,499) |
| | | 6943148 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 0 | 0 |
| | | 6943149 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 33,414 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943150 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/20 | 03/31/21 | 0 | 49,925 | (0) |
| | | 6943151 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/20 | 03/31/21 | 0 | 68,316 | (0) |
| | | 6943174 | C | P152000 | 5-R35-GM136354-03 | Shoulders /Matthew D. | 03/01/20 | 04/30/23 | 447,068 | 1,119,297 | 104,062 |
| | | 6943206 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/20 | 04/30/23 | 0 | 0 | 0 |
| | | 6943207 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 398,587 | (0) |
| | | 6943208 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 0 | 0 |
| | | 6943210 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 0 | 0 |
| | | 6943211 | C | P402000 | 2-P30-CA014051-49 | Spranger-Zimmermann /Stefani | 05/01/20 | 04/30/21 | 0 | 167,786 | 0 |
| | | 6943214 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 206,493 | 0 |
| | | 6943218 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 0 | 0 |
| | | 6943219 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 602,078 | (0) |
| | | 6943220 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 451,459 | 0 |
| | | 6943221 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 375,761 | (0) |
| | | 6943222 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 161,274 | 0 |
| | | 6943223 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 266,327 | 0 |
| | | 6943224 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 243,511 | 0 |
| | | 6943225 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 201,310 | (0) |
| | | 6943226 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 0 | 283,545 | 0 |
| | | 6943283 | C | P400600 | 5-U01-MH114819-03 | Feng /Guoping | 06/01/20 | 05/31/21 | 119,993 | 1,244,397 | 45,408 |
| | | 6943323 | C | P159300 | 5-U01-AG066757-03 | Tsai /Li-Huei | 05/15/20 | 04/30/23 | 0 | 2 | 2 |
| | | 6943336 | C | P091000 | 5-R37-AG032449-14 | Finkelstein /Amy | 06/01/20 | 04/30/23 | 560,071 | 1,781,809 | 779,274 |
| | | 6943337 | C | P243021 | 5-P41-GM132079-02 | Griffin /Robert Guy | 04/01/19 | 05/31/21 | 3,625 | 948,604 | (120,130) |
| | | 6943349 | C | P069201 | 5-U01-EB029132-02 | Griffith /Linda G | 07/01/20 | 06/30/21 | (16,433) | 616,950 | 0 |
| | | 6943364 | C | P159300 | 5-U01-MH117072-03 | Chung /Kwanghun | 06/01/20 | 05/31/21 | 99,355 | 1,409,234 | (0) |
| | | 6943395 | C | P039070 | 4R00GM126277-03 | Sarkar /Deblina | 06/01/20 | 05/31/23 | 221,900 | 677,000 | 368,198 |
| | | 6943408 | C | P159300 | 1-U01-AG066757-01 | Tsai /Li-Huei | 05/15/20 | 04/30/21 | 161,904 | 1,032,772 | 0 |
| | | 6943422 | C | P402000 | 5-U01-CA238720-02 | White /Forest M | 06/01/20 | 05/31/21 | (1,929) | 187,357 | 0 |
| | | 6943430 | C | P152000 | 5-R01-CA073808-25 | Raines /Ronald T | 07/01/20 | 06/30/23 | 307,800 | 1,035,481 | 384,384 |
| | | 6943432 | C | P402000 | 5-U01-CA238720-02 | White /Forest M | 06/01/20 | 05/31/21 | 44,716 | 95,924 | 0 |
| | | 6943446 | C | P267500 | 1-R01-NS115576-01 | Anikeeva /Polina Olegovna | 05/01/20 | 04/30/23 | 288,096 | 504,253 | 133,980 |
| | | 6943469 | C | P039070 | 4R00GM126277-03 | Sarkar /Deblina | 06/01/20 | 05/31/23 | 38,739 | 70,000 | (29,841) |
| | | 6943509 | C | P267600 | 5-R01-CA252216-02 | Fujimoto /James G | 07/06/20 | 06/30/22 | 191,895 | 583,802 | 178,467 |
| | | 6943510 | C | P065005 | 5-R01-HL153857-02 | Zhao /Xuanhe | 07/10/20 | 06/30/22 | 434,247 | 945,497 | 221,315 |
| | | 6943514 | C | P165000 | 5-T32-ES007020-47 | Essigmann /John M | 07/01/20 | 06/30/25 | 0 | 118,669 | 118,669 |
| | | 6943515 | C | P165000 | 2T32ES007020-46 | Essigmann /John M | 07/01/20 | 06/30/21 | 5,914 | 247,228 | 0 |
| | | 6943517 | C | P165000 | 2T32ES007020-46 | Essigmann /John M | 07/01/20 | 06/30/21 | (6,896) | 413,042 | (0) |
| | | 6943520 | C | P159300 | 5-R01-NS040296-20 | Littleton /J. Troy | 06/01/20 | 05/31/22 | 327,113 | 709,523 | (16,874) |
| | | 6943548 | C | P165000 | 3P42ES027707-04S1 | Selin /Noelle E | 07/01/20 | 03/31/21 | 0 | 9,706 | (0) |
| | | 6943563 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 40,000 | 0 |
| | | 6943568 | C | P267600 | 1-U01-CA250554-01 | Lu /Timothy K | 07/08/20 | 06/30/21 | (39,361) | 344,065 | (33,013) |
| | | 6943579 | C | P165000 | 3-P42-ES027707-04S2 | Engelward /Bevin P | 07/15/20 | 03/31/21 | 0 | 31,077 | 0 |
| | | 6943610 | C | P165000 | 3-P42-ES027707-04S3 | Engelward /Bevin P | 08/01/20 | 03/31/21 | 0 | 33,333 | (0) |
| | | 6943613 | C | P069201 | 5-R01-NS089076-08 | Fraenkel /Ernest | 08/01/20 | 05/31/23 | 0 | 0 | 0 |
| | | 6943621 | C | P400600 | 1-RF1-MH121885-01A1 | Ghosh /Satrajit S | 08/01/20 | 07/31/23 | 643,951 | 2,419,908 | 1,436,764 |
| | | 6943625 | C | P069201 | 2-R01-NS089076-06 | Fraenkel /Ernest | 08/01/20 | 05/31/23 | 206,005 | 769,086 | 377,820 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943626 | C | P400600 | 5-U01-MH114819-03 | Boyden /Edward | 06/01/20 | 05/31/21 | 0 | 120,177 | 0 |
| | | 6943666 | C | P243021 | 5-R01-GM137138-02 | Iwasa /Yukikazu | 08/01/20 | 07/31/22 | 477,993 | 904,276 | 39,446 |
| | | 6943678 | C | P151074 | 5-R35-GM126982-03S1 | Drennan /Catherine L | 05/01/20 | 04/30/21 | 0 | 164,380 | 0 |
| | | 6943679 | C | P151000 | 5-T32-GM087237-12 | Burge /Christopher B | 07/01/20 | 06/30/21 | 0 | 362,420 | 0 |
| | | 6943680 | C | P151000 | 5-T32-GM087237-12 | Burge /Christopher B | 07/01/20 | 06/30/21 | 0 | 0 | 0 |
| | | 6943693 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 07/15/20 | 05/31/22 | (3,155) | 0 | 0 |
| | | 6943697 | C | P061901 | 1-DP2-GM140922-01 | Lieberman /Tami Danielle | 09/30/20 | 05/31/25 | 455,136 | 2,259,000 | 1,652,870 |
| | | 6943713 | C | P091021 | 1 P30 AG064190-01 | Finkelstein /Amy | 07/15/20 | 05/31/22 | 6,160 | 141,623 | 52,489 |
| | | 6943744 | C | P267600 | 2R01EY011289-34 | Fujimoto /James G | 04/01/20 | 03/31/22 | 178,199 | 278,733 | 3,078 |
| | | 6943751 | C | P402012 | 2-R01-NS089076-06 | Housman /David E | 05/01/20 | 05/31/23 | 100,632 | 387,401 | 118,730 |
| | | 6943752 | C | P069201 | 2-R01-NS089076-06 | Fraenkel /Ernest | 08/01/20 | 05/31/23 | 41,302 | 293,329 | 119,530 |
| | | 6943765 | C | P154500 | 5-P30-EY002621-43 | DiCarlo /James | 07/01/20 | 06/30/21 | (1,045) | 6,436 | (0) |
| | | 6943766 | C | P154500 | 5-P30-EY002621-43 | DiCarlo /James | 07/01/20 | 06/30/21 | (33,315) | 351,110 | 0 |
| | | 6943767 | C | P154500 | 5-P30-EY002621-43 | DiCarlo /James | 07/01/20 | 06/30/21 | (7,769) | 148,662 | (0) |
| | | 6943768 | C | P154500 | 5-P30-EY002621-43 | DiCarlo /James | 07/01/20 | 06/30/21 | (9,411) | 54,006 | 0 |
| | | 6943771 | C | P154500 | 5-T32-NS105587-02 | DiCarlo /James | 07/01/19 | 06/30/21 | 10,199 | 252,970 | 35,387 |
| | | 6943778 | C | P400600 | 5K99NS118112-02 | Voigts /Jakob | 08/15/20 | 07/31/22 | 112,605 | 206,648 | 9,113 |
| | | 6943780 | C | P039000 | 1-R21-AI158169-01 | Esvelt /Kevin Michael | 09/01/20 | 02/28/23 | 139,922 | 399,346 | 213,091 |
| | | 6943796 | C | P402000 | 5-R01-CA245314-03 | Yilmaz /Omer | 09/01/20 | 05/31/23 | 560,925 | 968,252 | 99,689 |
| | | 6943799 | C | P402000 | 5-R35-CA242379-02 | Vander Heiden /Matthew G. | 09/01/20 | 08/31/21 | (130,614) | 893,465 | 0 |
| | | 6943801 | C | P165000 | 5P42ES027707-04 | Swager /Timothy M | 04/01/20 | 03/31/21 | 0 | 22,562 | (0) |
| | | 6943802 | C | P165000 | 5P42ES027707-04 | Swager /Timothy M | 04/01/20 | 03/31/21 | 0 | 14,100 | (0) |
| | | 6943824 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 22,395 | 55,437 | (7,396) |
| | | 6943825 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 24,945 | 80,161 | 0 |
| | | 6943826 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 1,083 | 102,364 | 36 |
| | | 6943827 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 0 | 0 | 0 |
| | | 6943829 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 15,799 | 57,138 | 41,339 |
| | | 6943830 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 0 | 440 | 440 |
| | | 6943831 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 45,066 | 174,327 | (15) |
| | | 6943832 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 31,800 | 31,800 | 0 |
| | | 6943835 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 3,826 | 53,391 | 800 |
| | | 6943838 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 284 | 368 | (31) |
| | | 6943840 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 12,042 | 86,003 | (1,080) |
| | | 6943841 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 0 | 7,500 | 7,500 |
| | | 6943843 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 614 | 614 | 0 |
| | | 6943845 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 2,651 | 44,373 | 0 |
| | | 6943846 | C | P402000 | 5-U54-CA210180-05 | Lauffenburger /Douglas A | 08/01/20 | 07/31/22 | (24,280) | 79,614 | (37,176) |
| | | 6943847 | C | P402000 | 5-U54-CA210180-05 | Wittrup /Karl Dane | 08/01/20 | 07/31/22 | 616 | 77,043 | (3) |
| | | 6943848 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 20,101 | 55,591 | 52 |
| | | 6943849 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 26,675 | 26,675 | 0 |
| | | 6943850 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 63,448 | 207,580 | 0 |
| | | 6943851 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 42,516 | 118,929 | 0 |
| | | 6943852 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 30,452 | 175,905 | 272 |
| | | 6943853 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 18,474 | 39,770 | 0 |
| | | 6943854 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 120,217 | 76,559 | 7,757 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943855 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 13,848 | 166,255 | 17,626 |
| | | 6943856 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 43,253 | 294,491 | 2,360 |
| | | 6943857 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 41,779 | 126,915 | 0 |
| | | 6943861 | C | P152000 | 5-U01-CA231079-03 | Kiessling /Laura L | 09/01/20 | 08/31/22 | 15,725 | 257,617 | (1,867) |
| | | 6943862 | C | P151072 | 1-U01-CA231079-01 | Imperiali /Barbara | 09/01/20 | 08/31/22 | 51,306 | 232,361 | (0) |
| | | 6943895 | C | P402000 | 1-DP2-AI158126-01 | Birnbaum /Michael E | 08/19/20 | 03/30/25 | 341,105 | 2,316,417 | 1,674,667 |
| | | 6943924 | C | P159300 | 5-K99-MH116100-02S1 | Bastos /Andre M | 08/19/20 | 04/15/21 | (6,845) | 63,808 | 0 |
| | | 6943956 | C | P091021 | 1 P30 AG064190-01 | Finkelstein /Amy | 07/15/20 | 05/31/22 | 71,548 | 267,727 | 53,517 |
| | | 6943958 | C | P069201 | 5U01CA215798-04 | Lauffenburger /Douglas A | 04/01/20 | 03/31/21 | 0 | 20,649 | (0) |
| | | 6943961 | C | P159300 | 3-UG3-NS115064-01S1 | Tsai /Li-Huei | 09/01/20 | 05/31/21 | 49,666 | 225,900 | 0 |
| | | 6943964 | C | P061901 | 5-R01-GM114190-07 REVISED | Mirny /Leonid A | 07/01/20 | 08/31/22 | 194,842 | 679,364 | 211,235 |
| | | 6943994 | C | P159300 | 1-R56-AG069232-01 | Tsai /Li-Huei | 09/15/20 | 03/31/22 | 349,834 | 761,748 | 0 |
| | | 6944066 | C | P069201 | 5-U01-CA214381-04 | Kamm /Roger Dale | 09/01/20 | 08/31/21 | 0 | 0 | 0 |
| | | 6944067 | C | P069201 | 5-U01-CA214381-04 | Kamm /Roger Dale | 09/01/20 | 08/31/21 | (6,420) | 260,222 | (0) |
| | | 6944068 | C | P069201 | 5-U01-CA214381-04 | Kamm /Roger Dale | 09/01/20 | 08/31/21 | 268,784 | 163,337 | (105,448) |
| | | 6944069 | C | P069201 | 5-U01-CA214381-04 | Kamm /Roger Dale | 09/01/20 | 08/31/21 | 33,565 | 106,108 | 0 |
| | | 6944071 | C | P151070 | 5K99GM136915-02 | Duclos Yevick /Hannah Gabriell | 09/15/20 | 08/31/22 | 79,112 | 197,672 | 38,663 |
| | | 6944077 | C | P061901 | 1-R21-EB028414-01A1 | Roche /Ellen | 09/17/20 | 09/16/23 | 260,762 | 602,618 | 164,582 |
| | | 6944093 | C | P067952 | 5-R01-HG010959-02 | Berger Leighton /Bonnie | 07/01/20 | 06/30/22 | 989,922 | 1,311,067 | 198,637 |
| | | 6944097 | C | P061901 | 5-U19-AI131135-04 REVISED | Gehrke /Lee | 04/01/20 | 03/31/21 | 3,715 | 336,356 | 0 |
| | | 6944116 | C | P061901 | 5-T32-EB001680-17 | Rosen /Bruce R | 09/09/20 | 08/31/22 | 0 | 24,710 | 24,710 |
| | | 6944118 | C | P061901 | 2-T32-EB001680-16 | Rosen /Bruce R | 09/09/20 | 08/31/21 | 12,590 | 172,756 | 0 |
| | | 6944119 | C | P061901 | 2-T32-EB001680-16 | Rosen /Bruce R | 09/09/20 | 08/31/21 | 0 | 0 | 0 |
| | | 6944131 | C | P069201 | 1-DP2-GM140938-01 | Hansen /Anders Sejr | 09/30/20 | 05/31/25 | 71,002 | 1,883,750 | 1,576,092 |
| | | 6944148 | C | P061901 | 3-R01-EB017205-06S1 | Celi /Leo Anthony G. | 09/15/20 | 05/31/23 | 0 | 97,102 | 97,102 |
| | | 6944209 | C | P400600 | 1-R56-AG069192-01 | An /Bobae | 09/15/20 | 08/31/22 | 121,662 | 334,032 | 1,878 |
| | | 6944229 | C | P151065 | 1-R01-CA245314-01A1 | Boyer /Laurie Ann | 09/01/20 | 05/31/23 | 87,424 | 180,946 | 61,739 |
| | | 6944240 | C | P069201 | 5U01CA215798-04 | Lauffenburger /Douglas A | 04/01/19 | 03/31/20 | 0 | 0 | 0 |
| | | 6944255 | C | P400600 | 1-R56-AG069192-01 | Boyden /Edward | 09/15/20 | 08/31/22 | 82,992 | 182,450 | 87,864 |
| | | 6944256 | C | P400600 | 1-R56-AG069192-01 | Boyden /Edward | 09/15/20 | 08/31/22 | 154,809 | 180,950 | 26,141 |
| | | 6944257 | C | P400600 | 1-R56-AG069192-01 | Boyden /Edward | 09/15/20 | 08/31/22 | 605 | 266,787 | 266,182 |
| | | 6944258 | C | P400600 | 1-R56-AG069192-01 | Boyden /Edward | 09/15/20 | 08/31/22 | 0 | 169,766 | 169,766 |
| | | 6944270 | C | P402000 | 2-R01-AI055258-16 | Wittrup /Karl Dane | 05/01/20 | 04/30/23 | 0 | 80,000 | 39,956 |
| | | 6944279 | C | P402000 | 5-U54-CA217377-04 REVISED | Shalek /Alexander K | 09/01/20 | 04/30/21 | 0 | 74,322 | 0 |
| | | 6944402 | C | P061902 | 75N97020C00013 | Mark /Roger G | 09/30/20 | 09/28/22 | 188,705 | 500,000 | 305,321 |
| | | 6944413 | C | P402012 | 1-U01-CA250554-01 | Yilmaz /Omer | 07/08/20 | 06/30/21 | 19,814 | 289,675 | 30,719 |
| | | 6944452 | C | P400600 | 1-RF1-MH124606-01 | Boyden /Edward | 09/16/20 | 09/15/23 | 465,745 | 893,823 | 301,876 |
| | | 6944453 | C | P400600 | 1-RF1-MH124606-01 | Boyden /Edward | 09/16/20 | 09/15/23 | 285,100 | 912,950 | 450,001 |
| | | 6944462 | C | P400600 | 1-R56-AG069192-01 | Boyden /Edward | 09/15/20 | 08/31/22 | 377,404 | 409,644 | 32,240 |
| | | 6944521 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/22 | (6) | 86,834 | 0 |
| | | 6944543 | C | P067952 | 5-U01-NS110453-03 | Kellis /Manolis | 09/01/20 | 08/31/22 | 251,266 | 907,393 | (2,610) |
| | | 6944548 | C | P243021 | 5-P41-GM132079-02 | Griffin /Robert Guy | 02/05/20 | 05/31/21 | 350 | 95,695 | 0 |
| | | 6944555 | C | P065004 | 5-R01-GM140108-02 | Guo /Ming | 12/01/20 | 11/30/22 | 252,455 | 825,249 | 352,638 |
| | | 6944584 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 4,695 | 0 |
| | | 6944585 | C | P165000 | 5P42ES027707-03 REVISED | Hemond /Harold F | 04/01/20 | 03/31/21 | 0 | 22,744 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944586 | C | P165000 | 5P42ES027707-03 REVISED | Kroll /Jesse | 04/01/20 | 03/31/21 | 0 | 20,445 | 0 |
| | | 6944587 | C | P165000 | 5P42ES027707-03 REVISED | Essigmann /John M | 04/01/20 | 03/31/21 | 0 | 8,810 | 0 |
| | | 6944588 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 72,412 | 0 |
| | | 6944591 | C | P243021 | 1-R01-GM137138-01 | Iwasa /Yukikazu | 08/01/20 | 07/31/22 | 195,891 | 214,000 | 10,843 |
| | | 6944628 | C | P159300 | 5-U01-NS110453-03 | Tsai /Li-Huei | 09/01/20 | 08/31/22 | 477,472 | 628,582 | 24,463 |
| | | 6944667 | C | P243021 | 5-R01-GM132997-32 | Griffin /Robert Guy | 05/01/19 | 05/31/22 | 29 | 60,000 | 8,979 |
| | | 6944674 | C | P159300 | 5-K99-AA028579-02 | Sipe /Grayson Oren | 03/14/21 | 02/28/23 | 208,625 | 370,018 | 116,205 |
| | | 6944709 | C | P400600 | 5R01NS119519-02 REVISED | Jazayeri /Mehrdad | 01/01/21 | 12/31/22 | 505,306 | 771,375 | 168,182 |
| | | 6944713 | C | P065004 | 5-R21-GM140613-02 | Anthony /Brian | 01/01/21 | 12/31/22 | 252,779 | 424,050 | 120,616 |
| | | 6944727 | C | P159300 | 5-R37NS051874-27 | Tsai /Li-Huei | 07/01/20 | 06/30/23 | 499,061 | 1,368,508 | 602,737 |
| | | 6944738 | C | P165000 | 3-R21-EB026008-02S1 REVISED | Bathe /Mark | 07/01/20 | 12/20/22 | 89,316 | 162,053 | 1,898 |
| | | 6944767 | C | P159300 | 3-R01-NS104892-03 REVISED | Flavell /Steven Willem | 07/01/20 | 07/01/20 | 0 | 0 | 0 |
| | | 6944789 | C | P165000 | 3-R21-EB026008-02S1 REVISED | Bathe /Mark | 07/01/20 | 12/20/22 | 175,355 | 208,045 | 0 |
| | | 6944793 | C | P151054 | 5-R01-HG002439-18 REVISED | Burge /Christopher B | 10/08/20 | 12/31/22 | 480,530 | 1,028,996 | 335,400 |
| | | 6944795 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/22 | 9,432 | 9,432 | 0 |
| | | 6944812 | C | P069201 | 3-R01-EB025854-03S1 | Weiss /Ron | 11/01/20 | 12/31/22 | 329,066 | 752,435 | 199,583 |
| | | 6944813 | C | P402000 | 5-K99-GM140212-02 | Zhou /Xiaoxue | 02/01/21 | 01/31/23 | 89,301 | 200,000 | 75,969 |
| | | 6944874 | C | P159300 | 5-R01-NS117588-02 | Littleton /J. Troy | 02/15/21 | 01/31/23 | 358,568 | 772,063 | 264,652 |
| | | 6944882 | C | P267600 | 5-R01-CA249151-02 | Fujimoto /James G | 02/05/21 | 01/31/23 | 310,824 | 944,073 | 593,415 |
| | | 6944896 | C | P159300 | 5-U01-NS110453-02 | Tsai /Li-Huei | 06/03/19 | 08/31/22 | 0 | 271,037 | (0) |
| | | 6944913 | C | P067952 | 5-R01-AG067151-02 | Kellis /Manolis | 03/01/21 | 11/30/22 | 905,972 | 1,498,370 | 158,769 |
| | | 6944939 | C | P065005 | 1-R01-CA252216-01 | Traverso /Carlo Giovanni | 07/06/20 | 06/30/22 | 69,630 | 98,000 | (20,081) |
| | | 6944990 | C | P165000 | 3-P42-ES027707-05 REVISED | Engelward /Bevin P | 04/01/21 | 03/31/22 | 0 | 0 | 0 |
| | | 6944991 | C | P165000 | 5-P42-ES027707-05 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 33,288 | 69,088 | 27,607 |
| | | 6944994 | C | P165000 | 5-P42-ES027707-05 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 458 | 1,590 | 626 |
| | | 6944995 | C | P165000 | 5-P42-ES027707-05 | Vandiver /Kathleen | 04/01/21 | 03/31/22 | 52,707 | 63,837 | 3,011 |
| | | 6944996 | C | P165000 | 5-P42-ES027707-05 | Essigmann /John M | 04/01/21 | 03/31/22 | 2,016 | 7,000 | 4,984 |
| | | 6944998 | C | P165000 | 5-P42-ES027707-05 | Hemond /Harold F | 04/01/21 | 03/31/22 | 27,145 | 119,083 | 58,508 |
| | | 6944999 | C | P165000 | 5-P42-ES027707-05 | Swager /Timothy M | 04/01/21 | 03/31/22 | 58,316 | 75,838 | 499 |
| | | 6945001 | C | P165000 | 5-P42-ES027707-05 | Selin /Noelle E | 04/01/21 | 03/31/22 | 17,399 | 121,328 | 99,749 |
| | | 6945002 | C | P165000 | 5-P42-ES027707-05 | Kroll /Jesse | 04/01/21 | 03/31/22 | 87,520 | 119,256 | 166 |
| | | 6945003 | C | P165000 | 5-P42-ES027707-05 | Swager /Timothy M | 04/01/21 | 03/31/22 | 60,502 | 71,916 | (498) |
| | | 6945004 | C | P165000 | 5-P42-ES027707-05 | Essigmann /John M | 04/01/21 | 03/31/22 | 207,956 | 300,488 | 74,485 |
| | | 6945005 | C | P165000 | 5-P42-ES027707-05 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 137,095 | 272,114 | 42,175 |
| | | 6945006 | C | P165000 | 5-P42-ES027707-05 | White /Forest M | 04/01/21 | 03/31/22 | 144,795 | 151,983 | (806) |
| | | 6945044 | C | P402000 | 5-R21-AI156664-02 | Birnbaum /Michael E | 03/12/21 | 02/28/23 | 182,373 | 414,246 | 231,873 |
| | | 6945055 | C | P069201 | 1-DP2-GM140938-01 | Hansen /Anders Sejr | 03/01/21 | 12/31/22 | 348,812 | 434,500 | 69,221 |
| | | 6945086 | C | P061901 | 5-U19-AI131135-05 REVISED | Gehrke /Lee | 04/01/21 | 03/31/23 | 1,337,858 | 1,602,222 | 118,268 |
| | | 6945087 | C | P061901 | 5-U19-AI131135-05 | Gehrke /Lee | 04/01/21 | 03/31/23 | 27,781 | 99,463 | 46,879 |
| | | 6945091 | C | P062000 | 3-R01-EB026344-03S1 REVISED | Hammond /Paula T | 12/11/20 | 05/31/23 | 3,558 | 190,711 | 161,333 |
| | | 6945093 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 60,733 | 60,733 | (0) |
| | | 6945094 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 127,111 | 197,662 | 70,551 |
| | | 6945095 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 95,048 | 145,250 | 50,202 |
| | | 6945096 | C | P402000 | 5-U54-CA217377-05 | Lauffenburger /Douglas A | 02/01/21 | 04/30/23 | 68,703 | 62,399 | (6,304) |
| | | 6945097 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 312,731 | 317,174 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945098 | C | P402000 | 5-U54-CA217377-05 | Koehler /Angela Nicole | 05/01/21 | 04/30/23 | 92,604 | 71,925 | (20,679) |
| | | 6945099 | C | P402000 | 5-U54-CA217377-05 | Lauffenburger /Douglas A | 05/01/21 | 04/30/23 | 40,144 | 43,575 | 3,431 |
| | | 6945100 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 0 | 0 | 0 |
| | | 6945101 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 383,439 | 422,442 | 28,139 |
| | | 6945102 | C | P402000 | 5-U54-CA217377-05 | Shalek /Alexander K | 05/01/21 | 04/30/23 | 369,750 | 432,580 | 36,861 |
| | | 6945103 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 200,137 | 210,405 | 10,268 |
| | | 6945104 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 125,340 | 210,405 | 85,065 |
| | | 6945105 | C | P402000 | 5-U54-CA217377-05 | Shalek /Alexander K | 05/01/21 | 04/30/23 | 81,865 | 0 | (81,865) |
| | | 6945108 | C | P243021 | 3-RF1-AG059661-01S1 | Hong /Mei | 07/01/18 | 03/31/23 | 187,593 | 321,779 | 94,383 |
| | | 6945131 | C | P069201 | 5-U01-CA215798-05 | Lauffenburger /Douglas A | 04/01/21 | 03/31/22 | 36,466 | 140,195 | 79,356 |
| | | 6945132 | C | P069201 | 5-U01-CA215798-05 | Lauffenburger /Douglas A | 04/01/21 | 03/31/22 | 328,213 | 539,100 | 210,887 |
| | | 6945135 | C | P159300 | 5-R01-MH126351-02 | Sur /Mriganka | 04/01/21 | 01/31/23 | 530,839 | 846,298 | 313,246 |
| | | 6945139 | C | P400600 | 5-R01-NS077986-11 | Wang /Fan | 01/01/21 | 06/30/23 | 438,516 | 1,085,048 | 500,292 |
| | | 6945140 | C | P400600 | 5-R01-NS109947-06 | Wang /Fan | 01/01/21 | 06/30/23 | 809,613 | 2,185,033 | 1,067,562 |
| | | 6945141 | C | P267110 | 1-R21-CA259840-01 | Voldman /Joel | 04/02/21 | 03/31/23 | 45,913 | 186,620 | 100,605 |
| | | 6945143 | C | P152000 | 5-R21-CA256081-02 | Swager /Timothy M | 04/01/21 | 03/31/23 | 165,641 | 260,227 | 87,360 |
| | | 6945145 | C | P069201 | 1-R01-NS120592-01 | Jasanoff /Alan Pradip | 03/01/21 | 03/31/24 | 384,904 | 475,072 | (54,193) |
| | | 6945149 | C | P069201 | 5-R21-EY032369-02 | Jasanoff /Alan Pradip | 03/01/21 | 04/30/23 | 195,453 | 464,475 | 195,506 |
| | | 6945175 | C | P152000 | 5-R35-GM141963-02 | Movassaghi /Mohammad | 05/01/21 | 04/30/23 | 739,303 | 1,208,261 | 438,201 |
| | | 6945189 | C | P400600 | 5-U01-NS121471-02 | Fedorenko /Evelina G | 04/01/21 | 01/31/22 | 148,418 | 612,563 | 438,433 |
| | | 6945197 | C | P402000 | 5-R61-AI161805-02 | Anderson /Daniel Griffith | 04/01/21 | 03/31/23 | 488,083 | 1,263,204 | 775,121 |
| | | 6945228 | C | P069201 | 5-R33-CA257878-02-REVISED | Hansen /Anders Sejr | 04/05/21 | 03/31/23 | 276,215 | 754,314 | 450,286 |
| | | 6945235 | C | P267110 | 1-R21-CA259840-01 | Voldman /Joel | 04/02/21 | 03/31/23 | 64,562 | 241,904 | 177,342 |
| | | 6945249 | C | P402000 | 5-R61-AI161297-02 | Irvine /Darrell J | 04/05/21 | 03/31/23 | 432,747 | 702,970 | 263,869 |
| | | 6945261 | C | P069201 | 5-R01-NS121078-02 | Kamm /Roger Dale | 05/01/21 | 04/30/23 | 336,279 | 493,547 | 153,929 |
| | | 6945283 | C | P069201 | 2T32EB019940-06A1 | Jasanoff /Alan Pradip | 05/01/21 | 04/30/22 | 0 | 96,524 | 96,524 |
| | | 6945284 | C | P069201 | 2T32EB019940-06A1 | Jasanoff /Alan Pradip | 05/01/21 | 04/30/22 | 36,311 | 4,134 | (32,178) |
| | | 6945292 | C | P402000 | 5-K00-CA245813-04 | Yilmaz /Omer | 05/01/21 | 04/30/23 | 90,955 | 184,514 | 77,640 |
| | | 6945317 | C | P165000 | 5-P42-ES027707-05 REVISED | Engelward /Bevin P | 04/01/21 | 03/31/22 | 26,086 | 26,086 | (0) |
| | | 6945318 | C | P165000 | 5-P42-ES027707-05 REVISED | Selin /Noelle E | 04/01/21 | 03/31/22 | 41,431 | 51,730 | (137) |
| | | 6945319 | C | P165000 | 5-P42-ES027707-05 REVISED | Selin /Noelle E | 04/01/21 | 03/31/22 | 23,147 | 39,318 | 5,735 |
| | | 6945320 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 15,709 | 18,726 | (215) |
| | | 6945321 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 45,609 | 45,110 | (5,517) |
| | | 6945322 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 30,808 | 35,000 | 1,529 |
| | | 6945323 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 60,000 | 60,000 | 0 |
| | | 6945324 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 30,000 | 30,000 | 0 |
| | | 6945326 | C | P400600 | 7-R01-DE029342-02 REVISED | Wang /Fan | 01/01/21 | 06/30/24 | 510,383 | 2,164,939 | 1,509,349 |
| | | 6945335 | C | P062000 | 1-R61-AI161805-01 | Chakraborty /Arup K | 04/01/21 | 03/31/23 | 36,663 | 95,500 | 58,837 |
| | | 6945339 | C | P159300 | 5-R01-MH085802-12 | Sur /Mriganka | 04/13/21 | 01/31/23 | 417,079 | 773,438 | 336,750 |
| | | 6945340 | C | P069201 | 5-R01-EB030946-02 | Weiss /Ron | 05/01/21 | 01/31/23 | 458,530 | 678,048 | 198,010 |
| | | 6945341 | C | P065005 | 5-R01-HL158102-02 | So /Peter T. C. | 05/01/21 | 04/30/23 | 298,600 | 831,375 | 532,775 |
| | | 6945345 | C | P069201 | 1-R01-NS121078-01 | Kamm /Roger Dale | 05/01/21 | 04/30/23 | 128,925 | 551,375 | 422,450 |
| | | 6945352 | C | P151037 | 1-R35-GM141517-02 REVISED | Sauer /Robert T | 04/01/21 | 03/31/23 | 277,678 | 773,438 | 463,827 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945357 | C | P402000 | 1-R61-AI161297-01 | Irvine /Darrell J | 04/05/21 | 03/31/23 | 0 | 50,337 | 50,337 |
| | | 6945358 | C | P402000 | 1-R61-AI161297-01 | Irvine /Darrell J | 04/05/21 | 03/31/23 | 343,865 | 816,588 | 472,723 |
| | | 6945361 | C | P243021 | 5-R01EB004866-14 | Temkin /Richard J | 04/20/21 | 12/31/22 | 659,884 | 987,232 | 282,885 |
| | | 6945397 | C | P069201 | 1-U01-CA253547-01A1 | Fraenkel /Ernest | 05/01/21 | 04/30/22 | 187,768 | 179,685 | (8,083) |
| | | 6945398 | C | P069201 | 1-U01-CA253547-01A1 | Fraenkel /Ernest | 05/01/21 | 04/30/22 | 150,182 | 414,279 | 264,097 |
| | | 6945406 | C | P069201 | 1-R01-EB030946-01 | Weiss /Ron | 05/01/21 | 01/31/23 | 123,529 | 589,205 | 465,676 |
| | | 6945409 | C | P159300 | 5-R01-AT011460-02 | Tsai /Li-Huei | 05/15/21 | 04/30/23 | 496,559 | 1,136,789 | 622,071 |
| | | 6945413 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/22 | 16,973 | 16,973 | 0 |
| | | 6945422 | C | P243021 | 2-R01-EB004866-13 | Temkin /Richard J | 05/01/21 | 12/31/22 | 36,073 | 68,000 | 31,927 |
| | | 6945431 | C | P165000 | 5-R35-ES028303-05 | Walker /Graham C | 06/01/21 | 05/31/22 | 512,237 | 811,587 | 233,056 |
| | | 6945437 | C | P067952 | 1R35GM141861-01 | Berger Leighton /Bonnie | 06/01/21 | 05/31/22 | 381,362 | 478,341 | 93,902 |
| | | 6945443 | C | P243021 | 2-R01-EB004866-13 | Temkin /Richard J | 05/01/21 | 12/31/22 | 35,314 | 60,000 | 23,260 |
| | | 6945454 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 0 | 3,271 | 3,271 |
| | | 6945459 | C | P165000 | 1-R21-CA256081-01 | Engelward /Bevin P | 04/01/21 | 03/31/23 | 109,877 | 197,403 | 85,629 |
| | | 6945461 | C | P066000 | 1-R01-HL158102-01 | Dao /Ming | 05/01/21 | 04/30/23 | 164,245 | 417,423 | 253,178 |
| | | 6945462 | C | P067952 | 1-R01-AT011460-01 | Kellis /Manolis | 05/15/21 | 04/30/23 | 95,974 | 131,450 | 35,476 |
| | | 6945464 | C | P402000 | 3-U01-CA238720-03S1 | White /Forest M | 06/01/21 | 05/31/22 | 181,502 | 180,825 | (677) |
| | | 6945520 | C | P243021 | 5-P41-GM132079-03 | Griffin /Robert Guy | 04/01/19 | 05/31/23 | 614,884 | 1,198,568 | 517,119 |
| | | 6945526 | C | P165000 | 5-T32-ES007020-47 | Essigmann /John M | 07/01/21 | 06/30/22 | 248,961 | 789,436 | 540,475 |
| | | 6945528 | C | P165000 | 5-T32-ES007020-47 | Essigmann /John M | 07/01/21 | 06/30/22 | 398,951 | 356,060 | (42,891) |
| | | 6945542 | C | P159300 | 5-U01-MH117072-04 | Chung /Kwanghun | 06/01/21 | 05/31/22 | 1,382,740 | 1,561,788 | 17,414 |
| | | 6945548 | C | P402000 | 5-U01-CA238720-03 | White /Forest M | 06/01/21 | 05/31/22 | 42,574 | 93,460 | 48,062 |
| | | 6945549 | C | P402000 | 5-U01-CA238720-03 | White /Forest M | 06/01/21 | 05/31/22 | 18,720 | 102,650 | 83,930 |
| | | 6945552 | C | P165000 | 3-P42-ES027707-05S1 | Essigmann /John M | 05/28/21 | 03/31/22 | 43,573 | 43,079 | (494) |
| | | 6945581 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 433,610 | 497,482 | 1,446 |
| | | 6945582 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 82,830 | 229,727 | 146,897 |
| | | 6945584 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/20 | 04/30/22 | 0 | 295,296 | 295,296 |
| | | 6945585 | C | P402000 | 5-P30-CA014051-50 | Knouse /Kristin Ann | 05/01/21 | 04/30/22 | 95,909 | 301,200 | 205,291 |
| | | 6945586 | C | P402000 | 5-P30-CA014051-50 | Soto Feliciano /Yadira M. | 05/01/21 | 04/30/22 | 1,166 | 0 | (1,166) |
| | | 6945587 | C | P402000 | 5-P30-CA014051-50 | Sanchez-Rivera /Francisco Javi | 05/01/21 | 04/30/22 | 1,034 | 0 | (1,034) |
| | | 6945588 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 210,169 | 370,923 | 131,017 |
| | | 6945591 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 0 | 151,572 | 151,572 |
| | | 6945592 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 536,054 | 634,642 | (6,918) |
| | | 6945593 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 362,067 | 441,307 | 4,088 |
| | | 6945594 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 210,237 | 276,691 | 4,670 |
| | | 6945595 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 111,704 | 123,630 | (7,276) |
| | | 6945596 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 283,526 | 287,444 | 3,918 |
| | | 6945597 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 228,519 | 263,431 | 1,903 |
| | | 6945598 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 166,954 | 201,563 | 1,301 |
| | | 6945599 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 245,700 | 298,727 | 2,406 |
| | | 6945623 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 07/01/21 | 06/30/22 | 0 | 0 | 0 |
| | | 6945670 | C | P159300 | 5-U01-AG066757-02 REVISED | Tsai /Li-Huei | 05/01/21 | 04/30/22 | 1,389,740 | 2,186,372 | 796,632 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945678 | C | P165000 | 2-R01-CA080024-25 | Essigmann /John M | 07/01/21 | 06/30/23 | 364,278 | 803,485 | 439,207 |
| | | 6945684 | C | P151000 | 5-T32 GM136540-02 REVISED | Bell /Stephen P | 07/01/21 | 06/30/23 | 0 | 0 | 0 |
| | | 6945720 | C | P069201 | 5-U01-EB029132-03 | Griffith /Linda G | 07/01/21 | 06/30/22 | 687,544 | 575,591 | (111,953) |
| | | 6945727 | C | P402000 | 1-K99-CA255844-01A1 | Boehnke /Natalie | 07/01/21 | 06/30/22 | 135,286 | 153,972 | 18,686 |
| | | 6945731 | C | P154500 | 1-U01-NS121471-01 | Levy /Roger P | 04/01/21 | 01/31/22 | 21,628 | 49,989 | 28,361 |
| | | 6945750 | C | P400600 | 5-U01-MH114819-05 | Feng /Guoping | 06/01/21 | 05/31/22 | 927,691 | 1,267,343 | 339,652 |
| | | 6945751 | C | P400600 | 5-U01-MH114819-05 | Boyden /Edward | 06/01/21 | 05/31/22 | 119,559 | 120,000 | 441 |
| | | 6945760 | C | P402000 | 5-R35-ES028374-05 | Yaffe /Michael B | 08/01/21 | 07/31/22 | 267,403 | 532,068 | 264,665 |
| | | 6945761 | C | P151000 | 5-T32-GM087237-12 | Burge /Christopher B | 07/01/21 | 06/30/22 | 464,634 | 466,960 | 2,326 |
| | | 6945762 | C | P151000 | 5-T32-GM087237-12 | Burge /Christopher B | 07/01/21 | 06/30/22 | 0 | 20,669 | 20,669 |
| | | 6945763 | C | P165000 | 5-P42-ES027707-05 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 75,005 | 75,000 | (5) |
| | | 6945766 | C | P151072 | 2 R01 GM131627-03A | Imperiali /Barbara | 08/01/21 | 07/31/22 | 369,676 | 527,831 | 158,155 |
| | | 6945770 | C | P151000 | 1 T32 GM136540-01A1 | Bell /Stephen P | 07/01/21 | 06/30/22 | 1,205,804 | 1,400,880 | 195,075 |
| | | 6945771 | C | P151000 | 1 T32 GM136540-01A1 | Bell /Stephen P | 07/01/21 | 06/30/22 | 0 | 62,006 | 62,006 |
| | | 6945774 | C | P165000 | 3-P42-ES027707-05S1 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 16,031 | 16,668 | 637 |
| | | 6945776 | C | P267110 | 1-R21-NS120088-01A1 | Voldman /Joel | 08/01/21 | 01/31/23 | 21,546 | 374,377 | 352,831 |
| | | 6945786 | C | P152000 | 3-R35-GM136354-02S1 | Shoulders /Matthew D. | 03/01/20 | 04/30/22 | 85,243 | 85,243 | 0 |
| | | 6945799 | C | P152000 | 3-R01-GM130936-02S1 | Cummins /Christopher C | 01/02/20 | 01/31/22 | 78,248 | 78,248 | 0 |
| | | 6945812 | C | P159300 | 4-DP2-ES027992-02 | Chung /Kwanghun | 07/01/21 | 06/30/22 | 483,395 | 465,300 | (18,095) |
| | | 6945814 | C | P062000 | 1-R35-GM143033-01 | Galloway /Kate E | 08/01/21 | 07/31/22 | 362,813 | 387,750 | 24,937 |
| | | 6945815 | C | P159300 | 7-R01-NS100802-06 | Heiman /Myriam | 07/01/21 | 03/31/22 | 365,000 | 365,000 | (0) |
| | | 6945818 | C | P243021 | 1-S10-OD028706-01A1 | Griffin /Robert Guy | 07/15/21 | 07/14/23 | 0 | 920,209 | 920,209 |
| | | 6945832 | C | P154500 | 5-T32-NS105587-03 | DiCarlo /James | 07/01/19 | 06/30/22 | 206,995 | 233,585 | 26,590 |
| | | 6945845 | C | P267600 | 5-U01-CA250554-02 | Lu /Timothy K | 07/01/21 | 06/30/22 | 239,450 | 345,067 | 105,617 |
| | | 6945855 | C | P165000 | 1-R01-AI162307-01 | Bathe /Mark | 08/02/21 | 07/31/22 | 176,074 | 185,166 | 9,092 |
| | | 6945863 | C | P418101 | 5-R35 -GM142634-02 | Calo Velazquez /Eliezer | 07/01/21 | 05/31/23 | 453,775 | 748,418 | 294,643 |
| | | 6945889 | C | P400600 | 5-R01-MH129046-02 | Jazayeri /Mehrdad | 08/06/21 | 05/31/23 | 252,572 | 592,237 | 339,665 |
| | | 6945910 | C | P154000 | 1-U01-CA250554-01 | Berger Leighton /Bonnie | 04/08/20 | 06/30/21 | 284,363 | 288,430 | 4,067 |
| | | 6945911 | C | P154000 | 5-U01-CA250554-02 | Berger Leighton /Bonnie | 07/01/21 | 06/30/22 | 213,700 | 286,248 | 72,548 |
| | | 6945912 | C | P402012 | 5-U01-CA250554-02 | Yilmaz /Omer | 07/01/21 | 06/30/22 | 310,326 | 290,855 | (19,471) |
| | | 6945916 | C | P039000 | 3 DP2 AI136597-01S1 | Esvelt /Kevin Michael | 09/23/20 | 06/30/22 | 163,356 | 162,875 | (481) |
| | | 6945917 | C | P418103 | 1-R01-AI155489-01A1 | Lamason /Rebecca | 08/12/21 | 07/31/22 | 435,510 | 558,165 | 122,655 |
| | | 6945920 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 07/01/21 | 06/30/22 | 8,283 | 8,307 | 24 |
| | | 6945921 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 07/01/21 | 06/30/22 | 443,986 | 340,868 | (103,118) |
| | | 6945922 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 07/01/21 | 06/30/22 | 146,684 | 139,482 | (7,202) |
| | | 6945923 | C | P154500 | 5-P30-EY002621-44 | DiCarlo /James | 07/01/21 | 06/30/22 | 65,060 | 50,934 | (14,126) |
| | | 6945926 | C | P159300 | 1-K99-AG073466-01 | Dileep /Vishnu | 08/15/21 | 07/31/22 | 99,536 | 136,674 | 37,138 |
| | | 6945943 | C | P069201 | 1-R01-HD105947-01 | Weiss /Ron | 09/01/21 | 08/31/22 | 70,693 | 316,837 | 246,144 |
| | | 6945972 | C | P151074 | 3-R35-GM126982-04S1 | Drennan /Catherine L | 09/01/21 | 04/30/22 | 55,281 | 55,467 | 186 |
| | | 6945977 | C | P165000 | 1-R01-AI162307-01 | Irvine /Darrell J | 08/02/21 | 07/31/22 | 160,155 | 202,584 | 42,429 |
| | | 6945979 | C | P165000 | 5-P42-ES027707-05 REVISED | Engelward /Bevin P | 04/01/21 | 03/31/22 | 191,742 | 191,413 | (329) |
| | | 6946016 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/21 | 05/31/22 | 102,911 | 185,008 | 82,097 |
| | | 6946017 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/21 | 05/31/22 | 94,730 | 224,342 | 129,612 |
| | | 6946026 | C | P039000 | 1-R01-AI152209-01 | Esvelt /Kevin Michael | 09/01/21 | 08/31/22 | 171,924 | 957,529 | 785,605 |
| | | 6946053 | C | P400600 | 1K99EY032603-01 | Murty /Naredla Apurva Ratan | 09/01/21 | 08/31/22 | 108,964 | 110,175 | 1,211 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946056 | C | P151002 | 1-R35-GM141834-01 | Schwartz /Thomas | 09/01/21 | 08/31/22 | 364,930 | 399,880 | 34,950 |
| | | 6946061 | C | P400600 | 1-R01-EY033638-01 | Pantazis /Dimitrios | 09/30/21 | 08/31/22 | 73,226 | 249,632 | 176,406 |
| | | 6946062 | C | P152000 | 2-R01-GM126376-05 | Nolan /Elizabeth Marie | 09/01/21 | 08/31/22 | 126,200 | 217,885 | 91,685 |
| | | 6946064 | C | P039020 | 1-R01-GM139055-01A1 | Gershenfeld /Neil A | 09/10/21 | 08/31/22 | 314,280 | 419,786 | 105,506 |
| | | 6946066 | C | P091021 | 3-P30-AG064190-02S1 | Finkelstein /Amy | 08/25/21 | 05/31/22 | 114,247 | 408,336 | 294,089 |
| | | 6946081 | C | P069201 | 1-UG3-MH126868-01 | Jasanoff /Alan Pradip | 09/01/21 | 06/30/22 | 471,545 | 532,110 | 60,565 |
| | | 6946092 | C | P152000 | 2-R01-GM126376-05 | Nolan /Elizabeth Marie | 09/01/21 | 08/31/22 | 83,923 | 133,721 | 49,798 |
| | | 6946094 | C | P243021 | 3-P41-GM132079-03S1 | Griffin /Robert Guy | 04/01/19 | 05/31/23 | 52,147 | 82,698 | 30,551 |
| | | 6946105 | C | P402000 | 5-R35-CA242379-03 | Vander Heiden /Matthew G. | 09/01/21 | 08/31/22 | 1,055,451 | 894,999 | (160,452) |
| | | 6946107 | C | P069201 | 5-U01-CA214381-05 | Kamm /Roger Dale | 09/01/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946108 | C | P069201 | 5-U01-CA214381-05 | Kamm /Roger Dale | 09/01/21 | 08/31/22 | 270,818 | 263,940 | (6,878) |
| | | 6946109 | C | P069201 | 5-U01-CA214381-05 | Kamm /Roger Dale | 09/01/21 | 08/31/22 | 126,877 | 295,480 | 168,603 |
| | | 6946110 | C | P069201 | 5-U01-CA214381-05 | Kamm /Roger Dale | 09/01/21 | 08/31/22 | 0 | 267,000 | 267,000 |
| | | 6946111 | C | P061901 | 5-T32-EB001680-17 | Rosen /Bruce R | 09/01/21 | 08/31/22 | 162,711 | 191,428 | 28,717 |
| | | 6946112 | C | P061901 | 5-T32-EB001680-17 | Rosen /Bruce R | 09/01/21 | 08/31/22 | 0 | 8,268 | 8,268 |
| | | 6946116 | C | P400600 | 1-R01-AG070831-01 | Boyden /Edward | 09/15/21 | 06/30/22 | 183,650 | 329,821 | 146,171 |
| | | 6946117 | C | P091021 | 3-P30-AG064190-02S2 | Finkelstein /Amy | 09/10/21 | 05/31/22 | 87,040 | 387,685 | 300,645 |
| | | 6946128 | C | P400600 | 3-R01-DC016607-04S1 REVISED | Fedorenko /Evelina G | 08/15/21 | 08/14/22 | 233,616 | 232,638 | (978) |
| | | 6946130 | C | P069201 | 1-U01-EB031641-01 | Jasanoff /Alan Pradip | 09/09/21 | 08/31/22 | 251,273 | 658,107 | 406,834 |
| | | 6946135 | C | P402000 | 7DP5OD026369-04 | Knouse /Kristin Ann | 09/01/21 | 08/31/22 | 307,915 | 649,560 | 341,645 |
| | | 6946159 | C | P400600 | 1-R01-EB031957-01 | Abudayyeh /Omar Osama | 09/20/21 | 06/30/22 | 605,397 | 568,123 | (37,274) |
| | | 6946165 | C | P154500 | 1-R01-MH129046-01 | Fiete /Ila R | 08/06/21 | 05/31/22 | 0 | 99,536 | 99,536 |
| | | 6946168 | C | P154500 | 1-R01-HD103847-01A1 | Saxe /Rebecca R | 09/21/21 | 06/30/22 | 222,038 | 327,779 | 105,741 |
| | | 6946169 | C | P402000 | 3-U01-CA238720-03S1 | White /Forest M | 07/01/21 | 05/31/22 | 101,096 | 112,758 | 11,662 |
| | | 6946170 | C | P400600 | 1-UG3-MH126869-01 | Feng /Guoping | 09/01/21 | 06/30/22 | 0 | 0 | 0 |
| | | 6946171 | C | P243021 | 2-R01-GM088204-11A1 | Hong /Mei | 09/20/21 | 06/30/22 | 102,925 | 361,858 | 258,933 |
| | | 6946185 | C | P062000 | 1-R21-GM141616-01 | Coley /Connor Wilson | 09/22/21 | 08/31/22 | 55,011 | 98,811 | 43,800 |
| | | 6946193 | C | P400600 | 5-U24-OD026638-04 | Feng /Guoping | 08/01/20 | 07/31/21 | 732,116 | 795,000 | 62,884 |
| | | 6946196 | C | P400600 | 5-K00-NS113459-04 | Sabbagh /Ubadah | 07/01/21 | 06/30/23 | 97,236 | 178,270 | 81,034 |
| | | 6946197 | C | P400600 | 5-U24-OD026638-04 | Feng /Guoping | 08/01/21 | 07/31/22 | 588,874 | 795,000 | 206,126 |
| | | 6946200 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946202 | C | P067952 | 5-R01-AG074003-02 | Kellis /Manolis | 09/30/21 | 05/31/23 | 368,939 | 1,782,823 | 1,413,884 |
| | | 6946242 | C | P151075 | 1-DP2-GM146254-01 | Vos /Seychelle M | 09/21/21 | 08/31/24 | 321,194 | 1,303,608 | 982,414 |
| | | 6946250 | C | P159300 | 5UH3NS115064-03 | Tsai /Li-Huei | 06/22/21 | 05/31/23 | 725,696 | 1,711,355 | 985,659 |
| | | 6946252 | C | P069201 | 1-U01-CA265706-01 | Weiss /Ron | 09/20/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946253 | C | P069201 | 1-U01-CA265706-01 | Weiss /Ron | 09/20/21 | 08/31/22 | 132,046 | 286,197 | 154,151 |
| | | 6946254 | C | P069201 | 1-U01-CA265706-01 | Weiss /Ron | 09/20/21 | 08/31/22 | 0 | 31,020 | 31,020 |
| | | 6946267 | C | P400600 | 1-UG3-MH126869-01 | Feng /Guoping | 09/01/21 | 06/30/22 | 873,656 | 1,383,603 | 509,947 |
| | | 6946269 | C | P400600 | 1-UG3-MH126869-01 | Wickersham /Ian R. | 09/01/21 | 06/30/22 | 78,151 | 135,800 | 57,649 |
| | | 6946272 | C | P402000 | 1-R01-EB031082-01A1 | Irvine /Darrell J | 09/30/21 | 06/30/22 | 204,702 | 261,463 | 56,760 |
| | | 6946273 | C | P159300 | 2-R01-EY025437-06A1 | Nedivi /Elly | 09/30/21 | 09/29/22 | 221,053 | 367,750 | 146,697 |
| | | 6946285 | C | P267500 | 1-DP1-AT011991-01 | Anikeeva /Polina Olegovna | 09/01/21 | 07/31/22 | 618,139 | 1,085,700 | 467,561 |
| | | 6946312 | C | P152000 | 1-DP2-GM146248-01 | Wendlandt /Alison | 09/23/21 | 08/31/24 | 234,628 | 1,258,263 | 1,023,635 |
| | | 6946349 | C | P400600 | 1-R56-HG011857-01 | Gootenberg /Jonathan S | 09/01/21 | 08/31/22 | 335,519 | 363,027 | 27,508 |
| | | 6946375 | C | P069201 | 1-R01-HD105947-01 | Weiss /Ron | 09/01/21 | 08/31/22 | 71,564 | 233,369 | 161,805 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946376 | C | P065004 | 1-R01-HD105947-01 | Del Vecchio /Domitilla | 09/01/21 | 08/31/22 | 31,286 | 121,163 | 89,877 |
| | | 6946426 | C | P402000 | 1-R01-EB031082-01A1 | Wittrup /Karl Dane | 09/30/21 | 06/30/22 | 259,839 | 261,463 | 1,624 |
| | | 6946447 | C | P400600 | 1-U01-DA054181-01 | Feng /Guoping | 08/01/21 | 05/31/22 | 786,120 | 1,007,870 | 221,750 |
| | | 6946448 | C | P159300 | 1-R01-AG070831-01 | Tsai /Li-Huei | 09/15/21 | 06/30/22 | 161,579 | 332,330 | 170,751 |
| | | 6946470 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 56,950 | 142,127 | 85,177 |
| | | 6946471 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 336,506 | 316,880 | (19,626) |
| | | 6946472 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 0 | 322,637 | 322,637 |
| | | 6946473 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 0 | 371,064 | 371,064 |
| | | 6946474 | C | P069201 | 1U54CA261694-01 | Kamm /Roger Dale | 09/17/21 | 08/31/22 | 0 | 390,263 | 390,263 |
| | | 6946493 | C | P243021 | 5-R01-GM137138-02 | Iwasa /Yukikazu | 08/01/20 | 07/31/22 | 5,125 | 195,000 | 189,875 |
| | | 6946496 | C | P402000 | 4-UG3-NS115064-02 | Langer /Robert S | 06/22/21 | 05/31/22 | 180,935 | 251,100 | 70,165 |
| | | 6946497 | C | P067952 | 4-UG3-NS115064-02 | Kellis /Manolis | 09/20/21 | 05/31/22 | 81,807 | 227,245 | 145,438 |
| | | 6946503 | C | P159300 | 1-R01-AG074003-01 | Tsai /Li-Huei | 09/30/21 | 05/31/22 | 239,338 | 379,218 | 139,880 |
| | | 6946513 | C | P400600 | 1-U01-DA054181-01 | Zhang /Feng | 08/01/21 | 05/31/22 | 107,662 | 112,500 | 4,838 |
| | | 6946564 | C | P159300 | 2-R01-EY025437-06A1 | Nedivi /Elly | 09/30/21 | 09/29/22 | 6,116 | 20,000 | 13,884 |
| | | 6946645 | C | P069201 | 1-U01-CA265706-01 | Weiss /Ron | 09/20/21 | 08/31/22 | 0 | 91,366 | 91,366 |
| | | 6946648 | C | P402000 | 1-U01-CA265706-01 | Irvine /Darrell J | 09/20/21 | 08/31/22 | 176,966 | 244,872 | 67,906 |
| | | 6946755 | C | P069201 | 1-UG3-MH126868-01 | Jasanoff /Alan Pradip | 07/01/22 | 06/30/23 | 0 | 0 | 0 |
| | | 6946777 | C | P400600 | 5-R01-DA029639-10 | Boyden /Edward | 10/01/21 | 01/31/23 | 20,366 | 40,924 | 20,558 |
| | | 6946838 | C | P061901 | 1-R01-HL161069-01 | Edelman /Elazer R | 01/01/22 | 12/31/22 | 101,040 | 713,868 | 612,828 |
| | | 6946851 | C | P165000 | 5-P42-ES027707-05 REVISED | Kroll /Jesse | 04/01/21 | 03/31/22 | 11,973 | 12,308 | 335 |
| | | 6946852 | C | P165000 | 5-P42-ES027707-05 REVISED | Selin /Noelle E | 04/01/21 | 03/31/22 | 35,263 | 35,126 | (137) |
| | | 6946853 | C | P165000 | 5-P42-ES027707-05 REVISED | Essigmann /John M | 04/01/21 | 03/31/22 | 20,905 | 20,904 | (1) |
| | | 6946854 | C | P165000 | 5-P42-ES027707-05 REVISED | Engelward /Bevin P | 04/01/21 | 03/31/22 | 115,631 | 115,191 | (440) |
| | | 6946855 | C | P165000 | 5-P42-ES027707-05 REVISED | White /Forest M | 04/01/21 | 03/31/22 | 10,315 | 15,899 | 5,584 |
| | | 6946858 | C | P151070 | 1-R35-GM144115-01 | Martin /Adam C | 01/01/22 | 12/31/22 | 131,810 | 543,490 | 411,680 |
| | | 6946859 | C | P402000 | 1-R01-HL162564-01 | Anderson /Daniel Griffith | 02/01/22 | 01/31/23 | 47,830 | 387,750 | 339,920 |
| | | 6946877 | C | P400600 | 1-UG3-MH126868-01 | Desimone /Robert | 09/01/21 | 06/30/22 | 37,232 | 70,974 | 33,742 |
| | | 6946927 | C | P069201 | 1R01NS121073-01A1 | Jasanoff /Alan Pradip | 02/01/22 | 01/31/23 | 62,775 | 412,683 | 349,908 |
| | | 6946933 | C | P062000 | 1-R21-GM141616-01 | Olsen /Bradley D. | 09/22/21 | 08/31/22 | 32,201 | 98,811 | 66,610 |
| | | 6946938 | C | P069201 | 1R01NS121073-01A1 | Jasanoff /Alan Pradip | 02/01/22 | 01/31/23 | 0 | 115,452 | 115,452 |
| | | 6946977 | C | P154500 | 5-R01DC017970-03 | McDermott /Joshua Hartman | 08/01/19 | 07/31/22 | 39,632 | 50,000 | 10,368 |
| | | 6947012 | C | P159300 | 1-R21-MH130067-01 | Nedivi /Elly | 02/10/22 | 01/31/23 | 113,859 | 285,306 | 171,447 |
| | | 6947046 | C | P165000 | 4-UH3-TR002186-03 | Grodzinsky /Alan J | 03/01/20 | 02/28/22 | 8,077 | 8,077 | 0 |
| | | 6947065 | C | P159300 | 1-R21-NS123499-01A1 | Bear /Mark | 03/01/22 | 02/28/23 | 49,346 | 232,649 | 183,303 |
| | | 6947066 | C | P069201 | 1-R21-CA257980-01A1 | Weiss /Ron | 03/01/22 | 02/28/23 | 17,617 | 210,262 | 192,645 |
| | | 6947082 | C | P159300 | 1-R21-NS125396-01A1 | Nedivi /Elly | 03/01/22 | 02/28/23 | 67,526 | 217,169 | 149,643 |
| | | 6947121 | C | P154500 | 1-K99-MH129613-01 | Mukherjee /Arghya | 03/01/22 | 02/28/23 | 63 | 109,232 | 109,169 |
| | | 6947132 | C | P152000 | 1-R01-GM141275-01A1 | Wendlandt /Alison | 04/01/22 | 01/31/23 | 10,880 | 292,712 | 281,832 |
| | | 6947142 | C | P151072 | 2-R01-GM039334-33 | Imperiali /Barbara | 04/01/22 | 02/28/23 | 91,600 | 491,279 | 399,679 |
| | | 6947144 | C | P152000 | 1-R01-GM145787-01 | Suess /Daniel Leif Migdow | 01/01/22 | 01/31/23 | 99,213 | 306,005 | 206,792 |
| | | 6947175 | C | P061901 | 5-U19-AI131135-05 REVISED | Gehrke /Lee | 04/01/21 | 03/31/23 | 93,373 | 601,587 | 508,214 |
| | | 6947192 | C | P402000 | 1-K99-CA255928-01A1 | Lien /Evan Chen | 04/01/22 | 03/31/23 | 48,770 | 147,192 | 98,422 |
| | | 6947197 | C | P069201 | 1-R01-HD110335-01 | Griffith /Linda G | 03/25/22 | 02/28/23 | 27,606 | 303,245 | 275,639 |
| | | 6947201 | C | P152000 | 2-R01-AI126592-07A1 | Kiessling /Laura L | 07/01/17 | 03/31/23 | 41,771 | 579,261 | 537,490 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947204 | C | P069201 | 1-R21-CA257980-01A1 | Weiss /Ron | 03/01/22 | 02/28/23 | 0 | 86,986 | 86,986 |
| | | 6947205 | C | P418102 | 1-R01-GM144542-01 | Davis /Joseph Harry | 04/01/22 | 12/31/22 | 4,835 | 319,795 | 314,960 |
| | | 6947215 | C | P159300 | 1-R01-AG069232-01A1 | Tsai /Li-Huei | 04/01/22 | 01/31/23 | 57,877 | 728,970 | 671,093 |
| | | 6947222 | C | P400600 | 5-U01-NS121471-02 | Fedorenko /Evelina G | 02/01/22 | 01/31/23 | 84,333 | 594,352 | 510,019 |
| | | 6947223 | C | P154500 | 5-U01-NS121471-02 | Levy /Roger P | 02/01/22 | 01/31/23 | 7,281 | 50,038 | 42,757 |
| | | 6947224 | C | P400600 | 2-R01-MH060379-21 | Graybiel /Ann M | 04/01/22 | 01/31/23 | 7,670 | 387,750 | 380,080 |
| | | 6947275 | C | P165000 | TBD | Engelward /Bevin P | 04/01/22 | 03/31/23 | 11,848 | 0 | (11,848) |
| | | 6947279 | C | P165000 | TBD | Levine /Stuart S. | 04/01/22 | 03/31/23 | 8,163 | 0 | (8,163) |
| | | 6947282 | C | P165000 | TBD | Vandiver /Kathleen | 04/01/22 | 03/31/23 | 55,148 | 0 | (55,148) |
| | | 6947286 | C | P165000 | TBD | Selin /Noelle E | 04/01/22 | 03/31/23 | 10,872 | 0 | (10,872) |
| | | 6947288 | C | P165000 | TBD | Engelward /Bevin P | 04/01/22 | 03/31/23 | 62,342 | 0 | (62,342) |
| | | 6947291 | C | P165000 | TBD | Essigmann /John M | 04/01/22 | 03/31/23 | 53,702 | 0 | (53,702) |
| | | 6947292 | C | P165000 | TBD | White /Forest M | 04/01/22 | 03/31/23 | 8,188 | 0 | (8,188) |
| | | 6947293 | C | P165000 | TBD | Swager /Timothy M | 04/01/22 | 03/31/23 | 46,289 | 0 | (46,289) |
| | | 6947294 | C | P165000 | TBD | Plata /Desiree Louise | 04/01/22 | 03/31/23 | 30,170 | 0 | (30,170) |
| | | 6947295 | C | P165000 | TBD | Furst /Ariel L | 04/01/22 | 03/31/23 | 7,577 | 0 | (7,577) |
| | | 6947305 | C | P402000 | 7-R01-CA248280-03 | Boehm /Jesse Samuel | 01/01/22 | 03/31/23 | 253,774 | 548,024 | 294,250 |
| | | 6947339 | C | P402000 | 1-R01-CA271243-01 | Wittrup /Karl Dane | 04/01/22 | 03/31/23 | 24,153 | 363,082 | 338,929 |
| | | 6947353 | C | P400600 | 2-R01-EB024261-05 | Boyden /Edward | 04/15/22 | 01/31/23 | 67,125 | 605,329 | 538,204 |
| | | 6947430 | C | P159300 | 1-R01-NS123120-01A1 | Brown /Emery Neal | 05/01/22 | 04/30/23 | 44,230 | 495,216 | 450,986 |
| | | 6947456 | C | P159300 | 2-R01-EY023037-09A1 | Bear /Mark | 05/01/22 | 04/30/23 | 27,991 | 606,695 | 578,704 |
| | | 6947457 | C | P152000 | 2-R35-GM122483-06 | Buchwald /Stephen Leffler | 06/01/22 | 05/31/23 | 61,098 | 1,141,967 | 1,080,869 |
| | | 6947492 | C | P159300 | 1-R35-NS127327-01 | Heiman /Myriam | 05/01/22 | 04/30/23 | 117,256 | 542,850 | 425,594 |
| | | 6947494 | C | P402000 | 1-R01-EB031992-01A1 | Anderson /Daniel Griffith | 05/01/22 | 01/31/23 | 0 | 604,673 | 604,673 |
| | | 6947503 | C | P069201 | 5-U01-CA253547-02 | Fraenkel /Ernest | 05/01/22 | 04/30/23 | 34,081 | 179,091 | 145,010 |
| | | 6947527 | C | P165000 | 1-R21-AI167289-01 | Ribbeck /Katharina | 05/03/22 | 04/30/23 | 9,366 | 96,930 | 87,564 |
| | | 6947530 | C | P069201 | 1U19AI167899-01 | Lauffenburger /Douglas A | 04/19/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947535 | C | P402000 | 1-R01-EB031813-01A1 | Cima /Michael J | 05/05/22 | 01/31/23 | 0 | 271,851 | 271,851 |
| | | 6947555 | C | P069201 | 1U19AI167899-01 | Lauffenburger /Douglas A | 04/19/22 | 03/21/23 | 0 | 93,645 | 93,645 |
| | | 6947556 | C | P069201 | 1U19AI167899-01 | Lauffenburger /Douglas A | 04/19/22 | 03/21/23 | 0 | 151,183 | 151,183 |
| | | 6947557 | C | P069201 | 1U19AI167899-01 | Lauffenburger /Douglas A | 04/19/22 | 03/21/23 | 0 | 1,650,447 | 1,650,447 |
| | | 6947558 | C | P069201 | 1U19AI167899-01 | Lauffenburger /Douglas A | 04/19/22 | 03/21/23 | 0 | 458,708 | 458,708 |
| | | 6947568 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/22 | 05/31/23 | 2,327 | 0 | (2,327) |
| | | 6947571 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 66,105 | 3,755,041 | 3,688,936 |
| | | 6947572 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 10,843 | 0 | (10,843) |
| | | 6947575 | C | P402000 | 5-P30-CA014051-51 | Knouse /Kristin Ann | 05/01/22 | 04/30/23 | 24,398 | 0 | (24,398) |
| | | 6947576 | C | P402000 | 5-P30-CA014051-51 | Soto Feliciano /Yadira M. | 05/01/22 | 04/30/23 | 74 | 0 | (74) |
| | | 6947578 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 40,210 | 0 | (40,210) |
| | | 6947582 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 103,901 | 0 | (103,901) |
| | | 6947583 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 77,879 | 0 | (77,879) |
| | | 6947584 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 31,435 | 0 | (31,435) |
| | | 6947585 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 40,420 | 0 | (40,420) |
| | | 6947586 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 69,154 | 0 | (69,154) |
| | | 6947587 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 34,677 | 0 | (34,677) |
| | | 6947588 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 35,545 | 0 | (35,545) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947589 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 51,649 | 0 | (51,649) |
| | | 6947605 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/21 | 08/31/22 | 23,330 | 0 | (23,330) |
| | | 6947606 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/21 | 08/31/22 | 5,279 | 0 | (5,279) |
| | | 6947607 | C | P091021 | 5 P30 AG064190-02 | Finkelstein /Amy | 06/01/21 | 08/31/22 | 3,460 | 0 | (3,460) |
| | | 6947615 | C | P159300 | 3--R01-GM135413-03S1 | Flavell /Steven Willem | 02/01/22 | 01/31/23 | 29,953 | 58,268 | 28,315 |
| | | 6947616 | C | P165000 | 1-R21-AI167289-01 | Ribbeck /Katharina | 05/03/22 | 04/30/23 | 0 | 107,222 | 107,222 |
| | | 6947617 | C | P402000 | 7-R01-CA248280-03 | Boehm /Jesse Samuel | 01/01/22 | 03/31/23 | 0 | 15,510 | 15,510 |
| | | 6947625 | C | P151054 | 2-R01-GM085319-13 | Burge /Christopher B | 05/10/22 | 03/31/23 | 9,154 | 326,228 | 317,074 |
| | | 6947640 | C | P400600 | 5-U01-DA054181-02 | Feng /Guoping | 06/01/22 | 05/31/23 | 20,710 | 1,007,870 | 987,160 |
| | | 6947641 | C | P151000 | 5-T32 GM136540-02 REVISED | Bell /Stephen P | 07/01/22 | 06/30/23 | 0 | 1,416,838 | 1,416,838 |
| | | 6947642 | C | P151000 | 5-T32 GM136540-02 | Bell /Stephen P | 07/01/22 | 06/30/23 | 0 | 63,247 | 63,247 |
| | | 6947643 | C | P151000 | 5-T32 GM136540-02 | Bell /Stephen P | 07/01/22 | 06/30/23 | 0 | 81,000 | 81,000 |
| | | 6947651 | C | P165000 | TBD | Selin /Noelle E | 04/01/22 | 03/31/23 | 21,125 | 0 | (21,125) |
| | | 6947658 | C | P151072 | 3-R01-GM131627-03A1S1 | Imperiali /Barbara | 08/01/21 | 07/31/22 | 0 | 185,103 | 185,103 |
| | | 6947664 | C | P165000 | 5-R35-ES028303-06 | Walker /Graham C | 06/01/22 | 05/31/23 | 67,880 | 504,629 | 436,749 |
| | | 6947666 | C | P151036 | 2-R01-GM024663-44A1 | Horvitz /Howard Robert | 06/01/22 | 05/31/23 | 1,621 | 381,191 | 379,570 |
| | | 6947687 | C | P400600 | 5-U01-DA054181-02 | Zhang /Feng | 06/01/22 | 05/31/23 | 7,357 | 112,500 | 105,143 |
| | | 6947703 | C | P402000 | 4-R00-GM140265-02 | Soto Feliciano /Yadira M. | 03/01/22 | 05/31/23 | 41,418 | 248,999 | 207,581 |
| | | 6947708 | C | P069201 | 5-U01-CA253547-02 | Fraenkel /Ernest | 05/01/22 | 04/30/23 | 0 | 356,618 | 356,618 |
| | | 6947709 | C | P159300 | 5UH3NS115064-03 | Tsai /Li-Huei | 06/01/22 | 05/31/23 | 35,254 | 848,323 | 813,069 |
| | | 6947711 | C | P402000 | 5UH3NS115064-03 | Langer /Robert S | 06/01/22 | 05/31/23 | 0 | 155,100 | 155,100 |
| | | 6947712 | C | P067952 | 5UH3NS115064-03 | Kellis /Manolis | 06/01/22 | 05/31/23 | 23,130 | 155,100 | 131,970 |
| | | 6947725 | C | P069201 | 2T32EB019940-06A1 | Jasanoff /Alan Pradip | 05/01/22 | 04/30/23 | 0 | 66,727 | 66,727 |
| | | 6947726 | C | P069201 | 2T32EB019940-06A1 | Jasanoff /Alan Pradip | 05/01/22 | 04/30/23 | 0 | 5,400 | 5,400 |
| | | 6947727 | C | P069201 | 2T32EB019940-06A1 | Jasanoff /Alan Pradip | 05/01/22 | 04/30/23 | 0 | 4,216 | 4,216 |
| | | 6947730 | C | P402000 | 1K99EB032427-01A1 | Krishnan /Siddharth | 06/15/22 | 05/31/23 | 0 | 87,682 | 87,682 |
| | | 6947749 | C | P402000 | 4-K00-CA253767-03 | Jacks /Tyler E | 06/06/22 | 05/31/23 | 6,226 | 91,368 | 85,142 |
| | | 6947780 | C | P062000 | 1U18TR004149-01 | Coley /Connor Wilson | 06/10/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947783 | C | P152000 | 1-R21-AI171663-01 | Raines /Ronald T | 06/14/22 | 05/31/23 | 0 | 264,139 | 264,139 |
| | | 6947794 | C | P062000 | 1U18TR004149-01 | Coley /Connor Wilson | 06/10/22 | 05/31/23 | 0 | 562,489 | 562,489 |
| | | 6947830 | C | P402000 | 1-R01-EB031813-01A1 | Cima /Michael J | 05/05/22 | 01/31/23 | 0 | 309,986 | 309,986 |
| | | 6947860 | C | P159300 | 5-U01-AG066757-03 | Tsai /Li-Huei | 05/01/22 | 04/30/23 | 0 | 1,587,671 | 1,587,671 |
| | 002533 CREARE, Incor | 6940410 | C | P061090 | SUB# S633 / PO# 99163 | How /Jonathan P | 12/15/18 | 08/31/21 | 32,243 | 160,000 | 33,525 |
| | 005260 Beth Israel Deaconess Medical Center | 6940608 | C | P400600 | 01061188 | Boyden /Edward | 08/23/18 | 05/31/19 | 0 | 0 | 0 |
| | | 6940834 | C | P159300 | 01061188 | Brown /Emery Neal | 08/23/18 | 05/31/19 | 0 | 0 | 0 |
| | | 6941041 | C | P400600 | 01061188 | Boyden /Edward | 06/01/19 | 05/31/20 | 0 | 215,592 | 0 |
| | | 6941205 | C | P159300 | 01061188 | Brown /Emery Neal | 06/01/19 | 05/31/20 | 0 | 105,413 | (0) |
| | | 6942799 | C | P060004 | 1061926 | Mark /Roger G | 07/01/19 | 06/30/20 | (251) | 199,284 | 0 |
| | | 6944094 | C | P400600 | 01061188 | Boyden /Edward | 06/01/20 | 05/31/21 | 0 | 122,548 | 0 |
| | | 6944095 | C | P159300 | 01061188 | Brown /Emery Neal | 06/01/20 | 05/31/21 | 0 | 142,012 | 0 |
| | | 6944325 | C | P061901 | 01062677 | Mark /Roger G | 08/01/20 | 04/30/22 | 0 | 0 | 0 |
| | | 6944326 | C | P061901 | 01062677 | Mark /Roger G | 08/01/20 | 04/30/21 | 0 | 310,580 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944570 | C | P417000 | 01062405 | Radovitzky /Raul A | 09/01/20 | 03/31/22 | 44,618 | 100,000 | 0 |
| | | 6945603 | C | P061901 | 01062677 | Mark /Roger G | 05/01/21 | 04/30/22 | 360,587 | 398,821 | (624) |
| | | 6945903 | C | P400600 | 01061188 | Boyden /Edward | 06/01/21 | 05/31/23 | 132,729 | 118,530 | (14,199) |
| | | 6945904 | C | P159300 | 01061188 | Brown /Emery Neal | 06/01/21 | 05/31/23 | 160,121 | 179,111 | 18,990 |
| | 005274 Boston Universi | 6940789 | C | P400600 | 4500003010 | Fedorenko /Evelina G | 04/01/19 | 09/30/22 | 199,331 | 969,720 | 145,768 |
| | | 6943389 | C | P400600 | 4500003437 | Boyden /Edward | 03/01/20 | 01/31/23 | 329,629 | 871,704 | 179,529 |
| | | 6947545 | C | P400600 | 4500003437 | Boyden /Edward | 05/01/22 | 12/31/22 | 3,441 | 32,000 | 28,559 |
| | 005275 Boston Medical | 6944572 | C | P069201 | 4300744001-MIT 05349 | Weiss /Ron | 09/15/20 | 07/31/22 | 112,494 | 198,322 | 22,807 |
| | 005321 Brigham & Women's Hospital | 6933923 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/16 | 02/28/22 | 0 | 100 | 100 |
| | | 6933924 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/16 | 02/28/17 | 0 | 169,940 | 0 |
| | | 6936193 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/17 | 02/28/18 | 0 | 153,022 | 0 |
| | | 6937980 | C | P069201 | SUBAWARD NO. 117954 | Fraenkel /Ernest | 09/15/17 | 08/31/22 | 590,446 | 1,178,670 | (34,869) |
| | | 6938401 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/18 | 02/28/19 | 0 | 148,200 | 0 |
| | | 6940370 | C | P067952 | 120368 | Golland /Polina | 09/22/18 | 06/30/22 | 196,391 | 747,817 | (6,034) |
| | | 6940533 | C | P067952 | 120780 | Gifford /David K | 01/15/19 | 12/31/21 | 0 | 148,572 | 23,202 |
| | | 6940538 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/19 | 02/29/20 | 0 | 144,495 | 0 |
| | | 6941853 | C | P152000 | 121596 | Pentelute /Bradley L. | 07/04/19 | 09/01/21 | 35,468 | 707,022 | 231,831 |
| | | 6941991 | C | P402000 | 121535 | Anderson /Daniel Griffith | 07/15/19 | 06/30/22 | 83,874 | 228,086 | 27,897 |
| | | 6942915 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/20 | 02/28/21 | 0 | 170,025 | 0 |
| | | 6944620 | C | P061901 | 123929 | Mirny /Leonid A | 09/15/20 | 07/31/22 | 93,362 | 225,182 | 102,778 |
| | | 6945088 | C | P402000 | 114237 | Chen /Jianzhu | 03/01/21 | 02/28/22 | 164,718 | 210,000 | (0) |
| | | 6945267 | C | P065005 | SUBAWARD# 125023 | Zhao /Xuanhe | 01/01/21 | 07/31/22 | 5,309 | 4,604 | (705) |
| | | 6946651 | C | P061901 | 121687 | Edelman /Elazer R | 06/30/21 | 06/29/22 | 53,408 | 53,076 | (332) |
| | | 6947050 | C | P267110 | 126466 | Voldman /Joel | 01/01/22 | 12/31/22 | 19,940 | 92,221 | 72,281 |
| | | 6947079 | C | P402010 | 126466 | White /Forest M | 01/01/22 | 12/31/22 | 30,295 | 41,804 | 11,509 |
| | | 6947099 | C | P067952 | 126094 | Kellis /Manolis | 09/07/21 | 05/31/22 | 12,712 | 12,950 | 238 |
| | | 6947629 | C | P061901 | 121687 | Edelman /Elazer R | 06/30/22 | 06/29/23 | 279 | 54,540 | 54,261 |
| | 005333 Brown Universit | 6944063 | C | P066000 | 00001628 | Dao /Ming | 08/19/20 | 07/31/22 | 238,259 | 442,939 | 35,585 |
| | | 6947005 | C | P152000 | 00002019 | Pentelute /Bradley L. | 09/01/21 | 06/30/22 | 225,334 | 238,104 | 12,770 |
| | | 6947037 | C | P121012 | 00001959 | Trichakis /Nikolaos | 09/15/21 | 08/31/22 | 0 | 22,701 | 22,701 |
| | 005460 Children's Hospital Boston | 6939784 | C | P061901 | GENFD0001538557 | Shalek /Alexander K | 09/09/18 | 07/31/21 | 0 | 0 | 0 |
| | | 6939788 | C | P061901 | GENFD0001538557 | Shalek /Alexander K | 09/09/18 | 07/31/19 | (965) | 44,413 | (0) |
| | | 6942102 | C | P267111 | GENFD0002195712 | Adalsteinsson /Elfar | 09/01/19 | 05/31/23 | 0 | 0 | 0 |
| | | 6942284 | C | P061901 | GENFD0001538557 | Shalek /Alexander K | 08/01/19 | 07/31/20 | 0 | 44,311 | (0) |
| | | 6942423 | C | P267111 | GENFD0001734192 | Adalsteinsson /Elfar | 09/01/19 | 05/31/23 | 61,596 | 298,780 | 83,528 |
| | | 6942424 | C | P067952 | GENFD0001734192 | Golland /Polina | 09/01/19 | 05/31/23 | 60,729 | 287,729 | 82,007 |
| | | 6944070 | C | P061901 | GENFD0002058190/GENFD00018898 | Collins /James J. | 08/15/20 | 05/31/22 | 0 | 300,956 | 0 |
| | | 6944178 | C | P069201 | GENFD0001889843 | Weiss /Ron | 08/15/20 | 05/31/21 | 0 | 0 | 0 |
| | | 6944251 | C | P061901 | GENFD0001905311 | Shalek /Alexander K | 08/01/20 | 07/31/21 | 0 | 25,345 | 0 |
| | | 6944766 | C | P061901 | GENFD0001950806 | Shalek /Alexander K | 09/15/20 | 06/30/21 | 0 | 2,287 | 2,287 |
| | | 6945637 | C | P061901 | GENFD0002058190 | Collins /James J. | 06/01/21 | 05/31/22 | 315,795 | 315,425 | (370) |
| | | 6945638 | C | P069200 | GENFD0002058190 | Weiss /Ron | 06/01/21 | 05/31/22 | 8,037 | 8,037 | 0 |
| | | 6947250 | C | P267111 | GENFD0002152100 | Adalsteinsson /Elfar | 11/03/21 | 11/30/22 | 48,723 | 123,108 | 74,385 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947251 | C | P067952 | GENFD0002152100 | Golland /Polina | 11/03/21 | 11/30/22 | 7,127 | 123,108 | 115,980 |
| | | 6947724 | C | P061901 | GENFD0002058190/GENFD00018898 | Collins /James J. | 06/01/22 | 05/31/23 | 20,810 | 0 | (20,810) |
| | 005508 Columbia University | 6934117 | C | P402000 | 1(GG012140)/PO G10545 | Vander Heiden /Matthew G. | 12/01/15 | 11/30/22 | 51,238 | 1,204,496 | 31,331 |
| | | 6936350 | C | P402100 | PO G14277 | Fox /James G | 12/07/16 | 11/30/21 | 0 | 34,167 | 34,167 |
| | | 6936354 | C | P402100 | 1(GG012741-01) | Fox /James G | 12/07/16 | 11/30/17 | 0 | 10,833 | 0 |
| | | 6936432 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/12/17 | 04/30/18 | 0 | 48,360 | (0) |
| | | 6937907 | C | P402100 | GG012741-02 | Fox /James G | 12/01/17 | 11/30/18 | 0 | 45,000 | 0 |
| | | 6938959 | C | P402100 | 2(GG012789-08) | Fox /James G | 05/01/18 | 04/30/19 | 0 | 62,400 | 0 |
| | | 6940022 | C | P402100 | 1(GG012741-03) | Fox /James G | 12/01/18 | 11/30/19 | 0 | 45,000 | (0) |
| | | 6940240 | C | P400600 | 2(GG014507) | Boyden /Edward | 09/30/18 | 09/29/21 | 7,166 | 86,715 | 0 |
| | | 6940407 | C | P067952 | PO G13407 1(GG014640) | Gifford /David K | 12/01/18 | 11/30/22 | 222,413 | 702,840 | 197,786 |
| | | 6941039 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/19 | 04/30/20 | 0 | 48,462 | (12,066) |
| | | 6942747 | C | P402100 | 1(GG012741-04) | Fox /James G | 12/01/19 | 11/30/20 | 0 | 45,000 | 0 |
| | | 6943316 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/20 | 04/30/21 | 0 | 60,023 | 0 |
| | | 6944661 | C | P402100 | 1(GG012741-04) | Fox /James G | 12/01/20 | 11/30/21 | 39,133 | 45,000 | (0) |
| | | 6945517 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/21 | 04/30/22 | 48,371 | 48,360 | (11) |
| | | 6946798 | C | P154500 | 6(GG017143-07) PO# SAPO G16033 | Fiete /Ila R | 08/15/21 | 07/31/22 | 12,030 | 230,247 | 218,217 |
| | | 6947262 | C | P153000 | 3(GG014961-01) | Field /Arlene Fiore | 01/01/22 | 12/31/22 | 0 | 103,883 | 103,883 |
| | 005521 Cornell University | 6941608 | C | P402000 | 192305-02 | Irvine /Darrell J | 07/05/19 | 06/30/20 | (0) | 258,286 | 0 |
| | | 6944351 | C | P402000 | 203561 | Irvine /Darrell J | 07/01/20 | 06/30/21 | (31,213) | 261,950 | 0 |
| | | 6945781 | C | P402000 | 192305-02 | Irvine /Darrell J | 07/01/21 | 06/30/22 | 236,421 | 261,950 | 25,529 |
| | | 6946815 | C | P063007 | 203763, BOUROUIBA | Bourouiba /Lydia | 05/13/21 | 04/30/22 | 441,733 | 447,446 | 5,713 |
| | | 6947317 | C | P063007 | 203763, BOUROUIBA | Bourouiba /Lydia | 05/01/22 | 04/30/23 | 102,967 | 407,906 | 304,939 |
| | 005615 Dartmouth College | 6942257 | C | P091020 | SUBAWARD NO. R1333 | Finkelstein /Amy | 03/01/19 | 02/29/20 | 0 | 16,807 | 0 |
| | | 6942712 | C | P151059 | R1346 | Keating /Amy E | 02/01/20 | 12/31/22 | 264,950 | 629,968 | 252,138 |
| | | 6943153 | C | P091021 | SUBAWARD NO. R1333 | Finkelstein /Amy | 03/01/20 | 02/28/21 | 0 | 17,394 | (0) |
| | | 6945976 | C | P091021 | SUBAWARD NO. R1333 | Finkelstein /Amy | 03/01/21 | 02/28/22 | 17,184 | 17,184 | 0 |
| | 005690 Duke University | 6942128 | C | P402000 | A032777 | Koehler /Angela Nicole | 09/17/19 | 08/31/20 | 0 | 125,103 | (0) |
| | | 6944200 | C | P402000 | A032777 | Koehler /Angela Nicole | 09/01/20 | 08/31/21 | 49,975 | 177,335 | (0) |
| | | 6944917 | C | P400600 | A034481 | Wang /Fan | 01/01/21 | 04/30/23 | 293,264 | 743,211 | 346,993 |
| | | 6946460 | C | P402000 | A032777 | Koehler /Angela Nicole | 09/01/21 | 08/31/22 | 192,024 | 209,807 | 17,783 |
| | 005817 Dana Farber Cancer Institute | 6934774 | C | P402000 | 1282101 | Love /John C | 08/05/16 | 07/31/17 | 0 | 54,600 | (0) |
| | | 6936865 | C | P402000 | 1282102 | Love /John C | 08/05/16 | 07/31/18 | 0 | 36,778 | 0 |
| | | 6939136 | C | P402000 | 1282101 | Love /John C | 08/01/18 | 07/31/19 | 0 | 58,991 | 0 |
| | | 6941488 | C | P402000 | 1282101 | Love /John C | 08/01/19 | 07/31/20 | 0 | 39,726 | (0) |
| | | 6943873 | C | P061901 | 1311401 | Shalek /Alexander K | 06/15/20 | 05/31/21 | 587 | 115,639 | 24,174 |
| | | 6943910 | C | P402000 | 1282601 | Irvine /Darrell J | 08/01/20 | 07/31/21 | (18,937) | 294,449 | (0) |
| | | 6944722 | C | P402000 | 1282101 | Love /John C | 08/01/20 | 07/31/22 | 46,615 | 74,490 | (907) |
| | | 6945362 | C | P402000 | 1040827 | Irvine /Darrell J | 04/01/21 | 03/31/22 | 57,456 | 57,456 | 0 |
| | | 6945579 | C | P402000 | 1318001 | Langer /Robert S | 02/09/21 | 03/31/22 | 117,147 | 124,998 | 7,851 |
| | | 6946541 | C | P061901 | 1311401 | Shalek /Alexander K | 06/01/21 | 05/31/22 | 103,500 | 107,280 | 3,780 |
| | | 6947439 | C | P402000 | 1318001 | Langer /Robert S | 04/01/22 | 03/31/23 | 13,271 | 124,998 | 111,727 |
| | 006096 Cold Spring Harbor Laboratory | 6938118 | C | P400600 | 64580527/PO# 921003-SV | Boyden /Edward | 09/21/17 | 05/31/22 | 0 | 415 | 415 |
| | | 6938260 | C | P400600 | 64580127/PO# 921003-SV | Boyden /Edward | 09/21/17 | 06/30/18 | 0 | 116,975 | (0) |
| | | 6939604 | C | P400600 | 64580127/PO# 921003-SV | Boyden /Edward | 07/01/18 | 05/31/19 | 0 | 354,660 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941124 | C | P400600 | 64580127/PO# 921003-SV | Boyden /Edward | 06/01/19 | 05/31/20 | 0 | 229,523 | 0 |
| | | 6943493 | C | P400600 | 64580127/PO# 921003-SV | Boyden /Edward | 06/01/20 | 05/31/21 | (291) | 225,360 | 0 |
| | | 6945270 | C | P400600 | 65300112/PO#: 921072-SV | Boyden /Edward | 08/01/20 | 07/31/22 | 0 | 0 | 0 |
| | | 6945336 | C | P400600 | 65300112/PO#: 921072-SV | Boyden /Edward | 08/01/20 | 07/31/21 | 139,688 | 479,661 | (0) |
| | | 6946024 | C | P400600 | 64580527/PO# 921003-SV | Boyden /Edward | 06/01/21 | 05/31/22 | 203,036 | 220,001 | 16,965 |
| | | 6946608 | C | P400600 | 65300212 | Boyden /Edward | 08/01/21 | 07/31/22 | 428,841 | 468,883 | 40,042 |
| | 006112 Harvard Medica School | 6937936 | C | P067952 | 152447.5074647.0407 | Szolovits /Peter | 08/01/17 | 07/31/18 | (10,054) | 79,066 | 0 |
| | | 6941988 | C | P069201 | 152561.5112601.0002 | Grodzinsky /Alan J | 09/18/19 | 11/30/22 | 16,795 | 58,186 | 10,485 |
| | | 6942347 | C | P065004 | 149874.5113431.0005 | Fletcher /Richard R | 07/01/19 | 06/30/21 | 8,308 | 62,625 | (265) |
| | | 6946613 | C | P065005 | 150609.5117888.0002 | Fletcher /Richard R | 09/01/21 | 08/31/22 | 53,402 | 92,264 | 38,862 |
| | 006120 Harvard University | 6938207 | C | P065004 | 113098-5106858 | Guo /Ming | 09/01/17 | 08/31/18 | (11,904) | 92,820 | 0 |
| | | 6939227 | C | P165000 | 164647-5107687 | Dedon /Peter C | 09/01/18 | 08/31/22 | 289,540 | 771,400 | (13,210) |
| | | 6939781 | C | P400600 | 132692-5106604 | Feng /Guoping | 07/01/18 | 03/31/22 | 0 | 578 | 578 |
| | | 6939816 | C | P400600 | 132692-5106604 | Feng /Guoping | 07/01/18 | 03/31/19 | 0 | 371,280 | (0) |
| | | 6939817 | C | P400600 | 132692-5106604 | Feng /Guoping | 04/01/19 | 03/31/20 | 0 | 371,280 | 0 |
| | | 6939818 | C | P400600 | 132692-5106604 | Feng /Guoping | 04/01/20 | 03/31/21 | 0 | 371,422 | 0 |
| | | 6939819 | C | P400600 | 132692-5106604 | Feng /Guoping | 04/01/21 | 03/31/22 | 333,684 | 371,280 | 757 |
| | | 6942742 | C | P069201 | 109786.5110773 | Bryson /Bryan David | 09/30/19 | 03/31/23 | 0 | 213,175 | 216 |
| | | 6942743 | C | P069201 | 109786.5110775 | Lauffenburger /Douglas A | 09/30/19 | 03/28/21 | (4,214) | 426,905 | (0) |
| | | 6942896 | C | P069201 | 109786.5110775 | Lauffenburger /Douglas A | 09/30/19 | 03/28/21 | 0 | 131,018 | 0 |
| | | 6944582 | C | P400600 | 164677-5115233 | Boyden /Edward | 09/01/20 | 08/31/22 | 259,955 | 545,705 | 119,637 |
| | | 6945134 | C | P069201 | 109786.5110773 | Bryson /Bryan David | 03/29/21 | 03/31/22 | 160,426 | 177,675 | (0) |
| | | 6945152 | C | P061902 | 149409 | Greenberg /Julie E | 02/01/21 | 01/16/22 | 2,500 | 8,296 | 0 |
| | | 6945213 | C | P069201 | 109786.5110775 | Lauffenburger /Douglas A | 03/29/21 | 03/31/22 | 337,030 | 387,419 | 0 |
| | | 6945827 | C | P061902 | 168028.0105 | Greenberg /Julie E | 06/01/21 | 08/31/21 | 3,386 | 3,386 | 0 |
| | | 6946323 | C | P158000 | AGMT EFF 9/1/21 | Kardar /Mehran | 09/01/21 | 01/15/22 | 39,162 | 39,162 | (0) |
| | | 6946330 | C | P069201 | 109786.5110773 | Bryson /Bryan David | 09/30/21 | 09/29/23 | 114,029 | 688,464 | 574,435 |
| | | 6946752 | C | P159300 | 168051-5119967 | Chung /Kwanghun | 09/17/21 | 09/16/22 | 385,833 | 745,054 | 359,221 |
| | | 6946793 | C | P400600 | 168051-5119965 | Feng /Guoping | 09/17/21 | 09/16/22 | 28,039 | 231,199 | 203,160 |
| | | 6947309 | C | P069201 | 109786.5110775 | Lauffenburger /Douglas A | 04/01/22 | 03/31/23 | 95,699 | 387,419 | 291,720 |
| | | 6947310 | C | P069201 | 109786.5110773 | Bryson /Bryan David | 04/01/22 | 03/31/23 | 17,035 | 178,227 | 161,192 |
| | 006131 Fred Hutchinsor Cancer Research Cente | 6940946 | C | P065004 | 0001102685 | Buie /Cullen | 04/01/19 | 08/31/22 | 0 | 0 | 0 |
| | | 6941680 | C | P065004 | 0000997305 | Buie /Cullen | 04/01/19 | 08/31/19 | 63 | 61,235 | (0) |
| | | 6941754 | C | P065004 | 00001006276 | Buie /Cullen | 09/01/19 | 08/31/20 | 0 | 241,302 | (0) |
| | | 6944277 | C | P065004 | 0001041798 | Buie /Cullen | 04/01/19 | 08/31/21 | 25,470 | 135,163 | 0 |
| | | 6947164 | C | P065004 | 0001102685 | Buie /Cullen | 09/01/21 | 03/31/22 | 127,264 | 127,264 | (0) |
| | | 6947762 | C | P065004 | 0001102685 | Buie /Cullen | 04/01/19 | 08/31/22 | 46,864 | 274,333 | 227,469 |
| | 006151 Johns Hopkins I | 6946631 | C | P159300 | PO# 2005303292 | Heiman /Myriam | 09/15/21 | 08/31/22 | 217,194 | 398,726 | 181,532 |
| | 006195 Indiana Univers | 6944530 | C | P062000 | 8750-MIT | Strano /Michael S. | 09/15/20 | 08/31/22 | 102,747 | 165,660 | (17,571) |
| | 006207 University of California/Davis | 6940652 | C | P400600 | A19-1044-S004 | Boyden /Edward | 09/30/18 | 06/30/20 | 0 | 77,408 | 0 |
| | | 6943726 | C | P152000 | A18-0226-S002 | Kiessling /Laura L | 08/01/20 | 07/31/21 | (19,072) | 227,021 | 0 |
| | | 6944053 | C | P400600 | A19-1044-S004 | Boyden /Edward | 07/01/20 | 06/30/21 | (2,356) | 79,730 | 0 |
| | | 6946042 | C | P400600 | A19-1044-S004 | Boyden /Edward | 07/01/21 | 06/30/22 | 74,900 | 82,122 | 7,222 |
| | | 6946140 | C | P400600 | A21-1551-S003 | Boyden /Edward | 05/01/21 | 04/30/22 | 73,165 | 61,763 | (11,402) |
| | 006263 Jackson Labora | 6947189 | C | P400600 | PO # 217046-0-SERV/210368-0223-03 | Abudayyeh /Omar Osama | 03/01/22 | 02/28/23 | 2,949 | 188,000 | 185,051 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 006305 Joslin Diabetes | 6945602 | C | P402000 | 100190-2150186 | Anderson /Daniel Griffith | 04/29/21 | 03/31/22 | 21,267 | 39,307 | 18,040 |
| | 006459 Lehigh Universit | 6944249 | C | P402000 | 544267-78002 | White /Forest M | 09/20/20 | 06/30/22 | 128,180 | 194,000 | (11,697) |
| | 006570 Massachusetts General Hospital | 6932581 | C | P067952 | 226025 | Golland /Polina | 07/01/15 | 04/30/20 | (48) | 179,390 | (0) |
| | | 6935377 | C | P159300 | 229354 | Chung /Kwanghun | 09/15/16 | 07/31/21 | 1,692 | 690,195 | (0) |
| | | 6935800 | C | P267600 | 229825 | Lu /Timothy K | 12/24/16 | 11/30/20 | (36,513) | 163,609 | (0) |
| | | 6936191 | C | P067952 | 230321 | Guttag /John V | 04/01/17 | 03/31/22 | 0 | 31,615 | 31,615 |
| | | 6936300 | C | P067952 | 230321 | Guttag /John V | 04/01/17 | 03/31/18 | 0 | 106,400 | (0) |
| | | 6937425 | C | P267111 | SUBAWARD 231183 | Adalsteinsson /Elfar | 09/01/17 | 05/31/22 | 49,532 | 882,268 | 259 |
| | | 6937453 | C | P159300 | SUBAWARD NO. 231125 | Wilson /Matthew A | 08/03/17 | 05/31/23 | 166,114 | 519,786 | (2,805) |
| | | 6937647 | C | P069201 | 230837 | Grodzinsky /Alan J | 06/18/17 | 04/30/21 | (1,519) | 191,800 | (0) |
| | | 6937883 | C | P402000 | 231617 | Yilmaz /Omer | 09/30/17 | 08/31/22 | 0 | 93,622 | 93,622 |
| | | 6937884 | C | P402000 | 231617 | Yilmaz /Omer | 09/30/17 | 08/31/19 | 0 | 216,580 | 0 |
| | | 6938704 | C | P067952 | 230321 | Guttag /John V | 04/01/18 | 03/31/19 | (1,314) | 104,964 | 0 |
| | | 6938915 | C | P159300 | SUBAWARD NO. 230203 | Miller /Earl K | 02/01/18 | 01/31/23 | 188,975 | 548,650 | 97,195 |
| | | 6940260 | C | P069400 | 233405 | Finkelstein /Stan Neil | 09/30/18 | 05/31/22 | 87,353 | 315,020 | 24,918 |
| | | 6940323 | C | P039000 | 233811 | Picard /Rosalind W. | 01/01/19 | 10/31/22 | 252,242 | 845,189 | 107,768 |
| | | 6940563 | C | P067952 | 230321 | Guttag /John V | 04/01/19 | 03/31/20 | (41,175) | 104,964 | (0) |
| | | 6941742 | C | P402000 | 235663 | Yilmaz /Omer | 06/01/19 | 08/31/20 | 0 | 105,420 | (0) |
| | | 6942466 | C | P067952 | 235400 | Golland /Polina | 09/19/19 | 08/31/22 | 0 | 0 | 0 |
| | | 6942467 | C | P067952 | 235400 | Golland /Polina | 09/19/19 | 08/31/20 | 0 | 115,000 | (0) |
| | | 6942728 | C | P402000 | 234408 | Birnbaum /Michael E | 05/01/19 | 04/30/20 | 0 | 15,212 | 0 |
| | | 6942989 | C | P152000 | SUBAWARD# 235289 | Pentelute /Bradley L. | 09/01/19 | 08/31/22 | 63,084 | 128,151 | 625 |
| | | 6943169 | C | P069201 | 236482 | Lauffenburger /Douglas A | 04/10/20 | 12/31/22 | 104,245 | 301,200 | 57,762 |
| | | 6943242 | C | P067952 | 230321 | Guttag /John V | 04/01/20 | 03/31/21 | (1,443) | 11,237 | (0) |
| | | 6943434 | C | P061901 | 232432 | Shalek /Alexander K | 01/01/20 | 12/31/20 | 0 | 65,983 | (3,125) |
| | | 6943526 | C | P402000 | 236707 | Yilmaz /Omer | 06/01/20 | 05/31/23 | 77,513 | 151,331 | 28,077 |
| | | 6943529 | C | P069201 | 236596 | Lauffenburger /Douglas A | 03/11/20 | 02/28/23 | 121,450 | 225,900 | 69,666 |
| | | 6943532 | C | P069201 | 236632 | Lauffenburger /Douglas A | 05/06/20 | 04/30/23 | 96,626 | 225,900 | 54,161 |
| | | 6943941 | C | P402000 | 234408 | Birnbaum /Michael E | 05/01/20 | 04/30/21 | 612 | 103,798 | (0) |
| | | 6944149 | C | P061902 | 229297 | Greenberg /Julie E | 08/01/20 | 06/30/21 | (15,694) | 54,422 | 0 |
| | | 6944191 | C | P402000 | 236887 | Yilmaz /Omer | 07/01/20 | 06/30/22 | 287,481 | 498,960 | (45,245) |
| | | 6944456 | C | P267600 | 237387 | Lu /Timothy K | 09/01/20 | 08/31/22 | 24,284 | 25,152 | (5,780) |
| | | 6944498 | C | P061901 | 232558 | Shalek /Alexander K | 02/15/18 | 01/31/21 | 0 | 9,171 | 9,171 |
| | | 6944500 | C | P061901 | 236354 | Shalek /Alexander K | 06/01/20 | 08/31/20 | 0 | 6,245 | 6,245 |
| | | 6944501 | C | P061901 | 229172 | Shalek /Alexander K | 06/01/20 | 06/30/20 | 0 | 6,245 | 6,245 |
| | | 6944511 | C | P061901 | 237288 | Shalek /Alexander K | 06/01/20 | 08/31/20 | 0 | 3,125 | 3,125 |
| | | 6944721 | C | P069201 | 237693 | Lauffenburger /Douglas A | 09/01/20 | 08/31/21 | 27,516 | 75,300 | 41,434 |
| | | 6944769 | C | P069400 | SUBAWARD# 236524 | Hosoi /Anette E | 10/01/20 | 05/20/22 | 0 | 0 | 0 |
| | | 6944770 | C | P069400 | SUBAWARD# 236524 | Hosoi /Anette E | 10/01/20 | 05/20/22 | 67,362 | 175,605 | 8,785 |
| | | 6944773 | C | P402000 | 235663 | Yilmaz /Omer | 06/01/20 | 08/31/21 | 6,319 | 56,118 | 0 |
| | | 6944903 | C | P061902 | 236446 (HOEBEL) | Greenberg /Julie E | 01/16/21 | 05/31/21 | 1 | 15,110 | 0 |
| | | 6944905 | C | P067952 | 231345 | Kellis /Manolis | 01/01/21 | 12/31/21 | 46,222 | 60,206 | (14,759) |
| | | 6944920 | C | P067952 | 235400 | Golland /Polina | 09/01/20 | 08/31/21 | 6,434 | 41,090 | (0) |
| | | 6945014 | C | P061902 | 237288 | Shalek /Alexander K | 12/01/20 | 05/31/21 | 0 | 20,480 | 561 |
| | | 6945286 | C | P067952 | 230321 | Guttag /John V | 04/01/21 | 03/31/22 | 7,132 | 11,237 | 4,105 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945302 | C | P402000 | 238575 | Yilmaz /Omer | 04/05/21 | 03/31/23 | 242,752 | 378,000 | 126,040 |
| | | 6945363 | C | P069201 | 236327 | Bryson /Bryan David | 03/01/20 | 02/28/21 | 0 | 16,260 | 16,260 |
| | | 6945364 | C | P069201 | 236327 | Bryson /Bryan David | 03/01/20 | 02/28/21 | 51,682 | 51,682 | (0) |
| | | 6945430 | C | P061901 | 236354 | Shalek /Alexander K | 09/01/20 | 03/28/21 | (7) | 28,245 | 0 |
| | | 6945559 | C | P064000 | 231409 (BARKSDALE) | Kolodziejski /Leslie A | 06/01/21 | 08/31/21 | 8,117 | 12,176 | 8 |
| | | 6945568 | C | P069201 | 237869 | Lauffenburger /Douglas A | 11/24/20 | 10/31/22 | 197,230 | 307,449 | 110,219 |
| | | 6945604 | C | P267200 | 300374 | Hufnagel /Stefanie S | 05/15/21 | 04/30/24 | 15,750 | 44,855 | 29,105 |
| | | 6945646 | C | P064000 | 238406 (AGARWAL) | Adalsteinsson /Elfar | 06/01/21 | 08/31/21 | 11,125 | 11,125 | 0 |
| | | 6945680 | C | P064000 | 231409 (DRAGO) | Kolodziejski /Leslie A | 06/01/21 | 08/31/21 | 11,125 | 11,125 | 0 |
| | | 6945806 | C | P402000 | 238695 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/23 | 0 | 0 | 0 |
| | | 6945817 | C | P402000 | 238695 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 241,892 | 177,152 | (64,740) |
| | | 6945842 | C | P064000 | 238616 (AREFEEN) | Adalsteinsson /Elfar | 06/01/21 | 08/31/21 | 3,728 | 3,728 | 0 |
| | | 6945953 | C | P064000 | 236792 (DONG) | Adalsteinsson /Elfar | 06/01/21 | 08/31/21 | 12,175 | 12,175 | 0 |
| | | 6945954 | C | P064000 | 231409 (DRAGO) | Kolodziejski /Leslie A | 09/01/21 | 05/31/22 | 60,797 | 61,130 | 333 |
| | | 6945960 | C | P061902 | 231409 (MATTINGLY) | Greenberg /Julie E | 06/01/21 | 08/31/21 | 11,623 | 11,623 | 0 |
| | | 6946132 | C | P064000 | 231409 (BARKSDALE) | Kolodziejski /Leslie A | 09/01/21 | 05/31/22 | 57,597 | 57,597 | 0 |
| | | 6946297 | C | P061902 | 230662 | Greenberg /Julie E | 06/01/21 | 05/31/22 | 73,938 | 74,249 | 311 |
| | | 6946433 | C | P061902 | 238650 (HOEBEL) | Greenberg /Julie E | 06/01/21 | 08/31/21 | 11,623 | 11,623 | 0 |
| | | 6946445 | C | P069201 | 236156 | Bryson /Bryan David | 09/18/19 | 08/31/20 | 18,239 | 18,239 | 0 |
| | | 6946478 | C | P069201 | 236156 | Bryson /Bryan David | 09/18/19 | 08/31/21 | 8,284 | 8,284 | 0 |
| | | 6946487 | C | P061902 | 234363 | Greenberg /Julie E | 06/01/21 | 01/15/22 | 8,296 | 8,296 | (0) |
| | | 6946489 | C | P061901 | 234419 | Greenberg /Julie E | 02/01/21 | 05/31/21 | 4,546 | 4,546 | 0 |
| | | 6946720 | C | P067952 | 238179 | Barzilay /Regina | 09/01/21 | 08/30/22 | 0 | 0 | 0 |
| | | 6946808 | C | P402000 | 238641 | Yilmaz /Omer | 06/01/21 | 08/31/21 | 4,659 | 4,659 | 0 |
| | | 6946824 | C | P069201 | 239186 | Bryson /Bryan David | 07/15/21 | 05/31/22 | 66,929 | 69,582 | 2,653 |
| | | 6946825 | C | P069201 | 239186 | Bryson /Bryan David | 07/15/21 | 05/31/22 | 25,103 | 25,134 | 31 |
| | | 6946847 | C | P067952 | 238179 | Barzilay /Regina | 09/01/21 | 02/28/23 | 115,377 | 146,476 | 31,099 |
| | | 6946856 | C | P061902 | 235400 (POST) | Greenberg /Julie E | 09/01/21 | 01/15/22 | 15,656 | 15,656 | (0) |
| | | 6946960 | C | P402000 | 235663 | Yilmaz /Omer | 09/01/21 | 08/31/22 | 87,359 | 108,290 | 20,931 |
| | | 6947024 | C | P061902 | 236446 (HOEBEL) | Greenberg /Julie E | 09/01/21 | 01/15/22 | 7,828 | 7,828 | 0 |
| | | 6947025 | C | P061901 | 237342 (HOEBEL) | Greenberg /Julie E | 09/01/21 | 01/15/22 | 7,828 | 7,828 | (0) |
| | | 6947031 | C | P067952 | 235400 | Golland /Polina | 09/01/21 | 08/31/22 | 7,900 | 22,632 | 14,732 |
| | | 6947041 | C | P064000 | 238616 (AREFEEN) | Adalsteinsson /Elfar | 01/16/22 | 05/31/22 | 20,818 | 20,818 | 0 |
| | | 6947072 | C | P061902 | 232578 | Greenberg /Julie E | 06/01/21 | 01/15/22 | 30,055 | 30,055 | 0 |
| | | 6947073 | C | P061902 | 236446 (HOEBEL) | Greenberg /Julie E | 01/16/22 | 05/31/22 | 15,501 | 15,502 | 1 |
| | | 6947074 | C | P061902 | 237342 (HOEBEL) | Greenberg /Julie E | 01/16/22 | 05/31/22 | 15,501 | 15,502 | 1 |
| | | 6947097 | C | P061901 | 238659 | Shalek /Alexander K | 09/01/21 | 04/30/22 | 32,085 | 63,088 | 31,003 |
| | | 6947133 | C | P061901 | 238659 | Shalek /Alexander K | 05/01/21 | 04/30/22 | 0 | 28,723 | 28,723 |
| | | 6947165 | C | P061901 | 238659 | Shalek /Alexander K | 05/01/21 | 04/30/22 | 0 | 17,785 | 17,785 |
| | | 6947254 | C | P069201 | 239186 | Bryson /Bryan David | 01/01/22 | 05/31/22 | 33,821 | 33,821 | (0) |
| | | 6947260 | C | P402000 | 234408 | Birnbaum /Michael E | 05/01/21 | 04/30/22 | 109,175 | 108,340 | (835) |
| | | 6947315 | C | P061901 | 238659 | Shalek /Alexander K | 01/16/22 | 04/30/22 | 11,795 | 11,833 | 38 |
| | | 6947496 | C | P061901 | 240464 | Shalek /Alexander K | 08/16/21 | 04/30/22 | 30,739 | 30,739 | (0) |
| | | 6947497 | C | P061901 | 238659 | Shalek /Alexander K | 10/15/21 | 04/30/22 | 32,085 | 52,137 | 20,052 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947498 | C | P061901 | 240464 | Shalek /Alexander K | 08/16/21 | 04/30/22 | 0 | 8,233 | 8,233 |
| | | 6947499 | C | P061901 | 240464 | Shalek /Alexander K | 08/16/21 | 04/30/22 | 13,312 | 27,813 | 14,501 |
| | | 6947500 | C | P061901 | 240464 | Shalek /Alexander K | 08/16/21 | 04/30/22 | 10,973 | 13,490 | 2,517 |
| | | 6947501 | C | P061901 | 238659 | Shalek /Alexander K | 10/15/21 | 04/30/22 | 32,085 | 51,829 | 19,744 |
| | | 6947502 | C | P061901 | 238659 | Shalek /Alexander K | 05/01/21 | 04/30/22 | 25,909 | 69,098 | 43,189 |
| | | 6947562 | C | P061902 | 232578 | Greenberg /Julie E | 01/16/22 | 05/31/22 | 21,013 | 21,704 | 691 |
| | | 6947634 | C | P061901 | 232558 | Shalek /Alexander K | 02/01/21 | 01/31/22 | 0 | 3,078 | 3,078 |
| | | 6947648 | C | P402000 | 238695 | Vander Heiden /Matthew G. | 03/01/22 | 04/30/23 | 32,357 | 174,808 | 142,451 |
| | | 6947750 | C | P061902 | 236446 (HOEBEL) | Greenberg /Julie E | 06/01/22 | 08/31/22 | 4,211 | 12,633 | 8,422 |
| | | 6947754 | C | P064000 | 231409 (DRAGO) | Kolodziejski /Leslie A | 06/01/22 | 08/31/22 | 3,817 | 12,304 | 8,487 |
| | 006597 McLean Hospita | 6943086 | C | P400600 | 401663 | Graybiel /Ann M | 04/15/20 | 03/31/22 | 0 | 0 | (4,878) |
| | | 6943547 | C | P400600 | 401663 | Graybiel /Ann M | 04/15/20 | 03/31/21 | (152) | 563,899 | (0) |
| | | 6945355 | C | P400600 | 401663 | Graybiel /Ann M | 04/01/21 | 03/31/22 | 461,212 | 581,860 | 23,091 |
| | | 6947433 | C | P400600 | 401663 | Graybiel /Ann M | 04/01/22 | 03/31/23 | 14,894 | 0 | (14,894) |
| | 006637 Allen Institute fo Brain Science | 6937892 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 09/20/17 | 05/31/22 | 0 | 295 | 295 |
| | | 6937893 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 09/20/17 | 05/31/18 | 0 | 100,247 | 0 |
| | | 6937894 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 07/01/18 | 05/31/19 | 0 | 90,000 | 0 |
| | | 6937895 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 06/01/19 | 05/31/20 | 0 | 103,350 | 0 |
| | | 6937896 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 06/01/20 | 05/31/21 | (2) | 103,555 | 0 |
| | | 6937897 | C | P400600 | 2017-0572 PO# AIP044827 | Wickersham /Ian R. | 06/01/21 | 05/31/22 | 98,820 | 103,555 | (425) |
| | | 6946484 | C | P159300 | 2021-0590 | Tsai /Li-Huei | 09/15/21 | 08/31/24 | 175,316 | 409,889 | 234,573 |
| | 006742 National Bureau of Economic Research, Inc. | 6937964 | C | P091000 | 4125B.05.MIT | Finkelstein /Amy | 09/01/17 | 05/31/18 | (0) | 70,105 | (0) |
| | | 6940132 | C | P091021 | 4126B.MIT | Finkelstein /Amy | 08/01/18 | 05/31/22 | 152,018 | 622,467 | 1,940 |
| | | 6946910 | C | P091021 | 4126B.MIT | Finkelstein /Amy | 09/01/21 | 05/31/22 | 26,836 | 136,860 | 110,024 |
| | 006815 Tufts Medical Center | 6935658 | C | P069400 | 5014371-SERV/U24TR001609 | Hirsch /Paula | 07/01/16 | 06/30/17 | 0 | 101,130 | (0) |
| | | 6937789 | C | P069400 | 5014371-SERV/U24TR001609 | Hirsch /Paula | 07/01/17 | 06/30/18 | 0 | 135,019 | (0) |
| | | 6939673 | C | P061905 | PO EP0182273 / 102188-00001-ELAZI | Edelman /Elazer R | 05/01/18 | 04/30/19 | 0 | 762,621 | 0 |
| | | 6940174 | C | P069400 | 5014371-SERV/U24TR001609 | Hirsch /Paula | 07/01/18 | 06/30/19 | 0 | 75,077 | 0 |
| | | 6941069 | C | P061905 | PO EP0182273 / 102188-00001-ELAZI | Edelman /Elazer R | 05/01/19 | 04/30/20 | 0 | 772,740 | 0 |
| | | 6942241 | C | P069400 | 5017158-SERV/U24TR001609 | Hirsch /Paula | 07/01/19 | 06/30/20 | 0 | 76,224 | 0 |
| | | 6943179 | C | P061905 | PO EP0182273 / 102188-00001-ELAZI | Edelman /Elazer R | 05/01/20 | 04/30/21 | (1,592) | 737,479 | 0 |
| | | 6944340 | C | P069400 | 5017158-SERV | Hirsch /Paula | 07/01/20 | 06/30/21 | 41,479 | 76,401 | (0) |
| | | 6945625 | C | P061905 | PO EP0182273 /SUBAWARD NO. 102 | Edelman /Elazer R | 05/01/21 | 04/30/22 | 759,929 | 773,768 | 13,839 |
| | | 6947483 | C | P061905 | PO EP0182273 / 102188-00001-ELAZI | Edelman /Elazer R | 05/01/22 | 04/30/23 | 86,022 | 0 | (86,022) |
| | | 6947504 | C | P069400 | 5017158-SERV | Hirsch /Paula | 07/01/21 | 06/30/22 | 0 | 76,787 | 76,787 |
| | 006829 New York University | 6939036 | C | P159300 | 18-A0-00-1001558-01; PO# M190200 | Wilson /Matthew A | 07/12/18 | 04/30/19 | 0 | 120,745 | (0) |
| | | 6941824 | C | P159300 | 18-A0-00-1001558-01; PO# M190200 | Wilson /Matthew A | 05/01/19 | 07/31/20 | 0 | 267,083 | 0 |
| | | 6944145 | C | P159300 | 18-A0-00-1001558-01; PO# M190200 | Wilson /Matthew A | 05/01/20 | 04/30/21 | 4,372 | 223,137 | 1 |
| | | 6946251 | C | P159300 | PO# M190200494, 18-A0-00-1001558 | Wilson /Matthew A | 05/01/21 | 04/30/22 | 247,375 | 247,369 | (6) |
| | | 6947721 | C | P159300 | 18-A0-00-1001558-01; PO# M190200 | Wilson /Matthew A | 05/01/22 | 04/30/23 | 0 | 214,650 | 214,650 |
| | 006870 North Carolina S | 6945695 | C | P402000 | 2021-0285-01 | Birnbaum /Michael E | 04/16/21 | 03/31/23 | 61,688 | 74,998 | 13,310 |
| | 006875 Northeastern University | 6933466 | C | P065004 | 500449-78050 | Hogan /Neville | 10/01/15 | 06/30/21 | (770) | 411,669 | (0) |
| | | 6935020 | C | P069201 | 500489-78051 | Griffith /Linda G | 08/01/16 | 04/30/22 | 107,329 | 2,569,419 | (763) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935967 | C | P069201 | 500489-78051 | Alm /Eric J | 08/01/16 | 04/30/19 | 0 | 35,000 | (0) |
| | | 6936932 | C | P069201 | 500489-78051 | Griffith /Linda G | 05/01/17 | 04/30/19 | 0 | 213,003 | (0) |
| | | 6939773 | C | P069201 | 500489-78051 | Griffith /Linda G | 10/01/18 | 04/30/19 | 0 | 32,573 | 0 |
| | 006876 Northwestern University | 6940198 | C | P067952 | 60047352 MIT | Szolovits /Peter | 09/01/17 | 08/31/19 | 37 | 25,574 | 0 |
| | | 6944260 | C | P400600 | SP0046269-PROJ001311 | Boyden /Edward | 08/01/20 | 08/31/21 | 14,285 | 273,228 | 0 |
| | | 6944783 | C | P067952 | 60056285 MIT | Szolovits /Peter | 06/01/20 | 03/31/22 | 58,280 | 108,398 | 12,880 |
| | | 6946843 | C | P061901 | 60059581 MIT | Mark /Roger G | 08/15/21 | 07/31/22 | 0 | 0 | 0 |
| | | 6946844 | C | P061901 | 60059581 MIT | Mark /Roger G | 08/15/21 | 07/31/22 | 4,404 | 62,319 | 57,915 |
| | 006977 Harvard School of Public Health | 6939891 | C | P065004 | 113098-5109806 | Guo /Ming | 09/01/18 | 08/31/19 | (51,876) | 52,999 | 0 |
| | | 6940400 | C | P165000 | 117127-5108050 | Engelward /Bevin P | 09/15/18 | 06/30/19 | 0 | 38,427 | (0) |
| | | 6941333 | C | P165000 | 117127-5108052 | Engelward /Bevin P | 07/01/19 | 06/30/20 | 0 | 72,415 | 0 |
| | | 6942040 | C | P035000 | 111922-5115321 | Ratti /Carlo | 05/01/19 | 03/31/22 | 142 | 9,402 | (0) |
| | | 6942105 | C | P165000 | 117127-5108050 | Engelward /Bevin P | 07/01/19 | 06/30/20 | 0 | 12,609 | (0) |
| | | 6943539 | C | P165000 | 117127-5108050 | Engelward /Bevin P | 07/01/20 | 06/30/21 | 1,797 | 70,201 | 0 |
| | | 6943688 | C | P062000 | 113113-5096677 | Strano /Michael S. | 07/01/20 | 06/30/21 | (4,069) | 116,025 | 0 |
| | | 6944931 | C | P152000 | 117327-5116372 | Kiessling /Laura L | 12/01/20 | 11/30/22 | 92,304 | 151,976 | 55,827 |
| | | 6945901 | C | P165000 | 117127-5108050 | Engelward /Bevin P | 07/01/21 | 06/30/22 | 24,206 | 67,228 | 43,022 |
| | | 6945959 | C | P035000 | 111922-5115321 | Ratti /Carlo | 04/01/21 | 03/31/22 | 185 | 185 | 0 |
| | 006983 Oregon Health a | 6939693 | C | P267600 | 1011660_MIT | Fujimoto /James G | 04/01/18 | 01/31/23 | 77,288 | 449,862 | 48,271 |
| | 007229 Research Foundation of SUNY Albany | 6938948 | C | P165000 | 19-4-80311 | Dedon /Peter C | 01/01/18 | 08/31/21 | 12,108 | 568,181 | (0) |
| | | 6943525 | C | P165000 | 2-88226 | Dedon /Peter C | 06/09/20 | 03/31/23 | 262,712 | 485,970 | 67,942 |
| | 007233 Rutgers University | 6940859 | C | P061901 | 0927 PO#1133368 | Collins /James J. | 11/01/18 | 07/31/19 | 0 | 45,712 | 0 |
| | | 6941997 | C | P061901 | 1194 | Collins /James J. | 08/01/19 | 07/31/20 | 0 | 141,632 | 0 |
| | | 6944113 | C | P061901 | 1630/PO #25101398 | Collins /James J. | 08/01/20 | 07/31/22 | 23,630 | 105,853 | 1,003 |
| | | 6947470 | C | P062000 | 2301 | Coley /Connor Wilson | 03/18/22 | 02/28/23 | 6,061 | 88,901 | 82,840 |
| | 007242 Health Resourc | 6937415 | C | P151000 | 1R25OD023756 | Sassanfar /Mandana | 07/01/17 | 08/31/22 | 18,018 | 151,843 | 43,289 |
| | 007298 Rush University | 6943886 | C | P067952 | 18052302-SUB02 | Davis /Randall | 01/01/20 | 11/30/22 | (3,591) | 45,698 | 18,332 |
| | 007323 Schepens Eye F | 6946214 | C | P402000 | 533468 | Chen /Jianzhu | 09/01/21 | 08/31/22 | 116,321 | 144,417 | 28,096 |
| | 007329 The Scripps Research Institute | 6937773 | C | P165000 | 5-53446 | Tannenbaum /Steven R | 10/01/17 | 05/31/18 | 0 | 135,881 | (0) |
| | | 6938407 | C | P069201 | 5-53517 | Lauffenburger /Douglas A | 02/01/18 | 01/31/19 | 0 | 76,332 | 0 |
| | | 6938790 | C | P165000 | 5-53702 | Tannenbaum /Steven R | 06/01/18 | 05/31/19 | 0 | 135,881 | (0) |
| | | 6940241 | C | P069201 | 5-53937 | Lauffenburger /Douglas A | 02/01/19 | 01/31/20 | 0 | 75,858 | (0) |
| | | 6941161 | C | P165000 | 5-53703 | Tannenbaum /Steven R | 06/01/19 | 05/31/20 | 0 | 135,881 | 0 |
| | | 6941209 | C | P402000 | 5-54020 | Irvine /Darrell J | 07/01/19 | 06/30/22 | 0 | 51 | 51 |
| | | 6941210 | C | P402000 | 5-54020 | Irvine /Darrell J | 07/01/19 | 06/30/20 | 0 | 825,739 | (0) |
| | | 6942561 | C | P069201 | 5-54180 | Lauffenburger /Douglas A | 02/01/20 | 01/31/21 | 0 | 90,360 | (0) |
| | | 6943505 | C | P165000 | 5-53703 | Tannenbaum /Steven R | 06/01/20 | 05/31/21 | 0 | 113,885 | 0 |
| | | 6943537 | C | P402000 | 5-54276 | Irvine /Darrell J | 07/01/20 | 06/30/21 | 1,222 | 924,076 | 0 |
| | | 6943959 | C | P402000 | 5-54322 | Irvine /Darrell J | 07/01/20 | 06/30/21 | (38,352) | 45,180 | (0) |
| | | 6943988 | C | P402000 | 5-54349 | Irvine /Darrell J | 09/01/20 | 06/30/21 | 4,312 | 178,227 | (0) |
| | | 6944019 | C | P402000 | 5-54355 | Irvine /Darrell J | 09/01/20 | 06/30/21 | (2,120) | 45,540 | 0 |
| | | 6945211 | C | P069201 | 5-54431 | Lauffenburger /Douglas A | 02/01/21 | 01/31/22 | 51,706 | 92,164 | 0 |
| | | 6945782 | C | P402000 | 5-54554 | Irvine /Darrell J | 07/01/21 | 06/30/22 | 809,307 | 819,688 | 10,381 |
| | | 6945783 | C | P165000 | 5-53703 | Tannenbaum /Steven R | 06/01/21 | 05/31/22 | 71,249 | 135,881 | 64,632 |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945785 | C | P402000 | 5-54494 | Irvine /Darrell J | 04/01/21 | 03/31/22 | 199,963 | 190,428 | (9,535) |
| | | 6946291 | C | P402000 | 5-54638 | Irvine /Darrell J | 09/16/21 | 06/30/22 | 58,042 | 57,762 | (280) |
| | | 6946295 | C | P402000 | 5-54642 | Irvine /Darrell J | 09/16/21 | 06/30/22 | 163,130 | 158,347 | (4,783) |
| | | 6947246 | C | P069201 | 5-54696 | Lauffenburger /Douglas A | 02/01/22 | 01/31/23 | 33,093 | 93,000 | 59,907 |
| | 007380 Stanford University | 6940874 | C | P062000 | 62106626-28291 | Chakraborty /Arup K | 04/01/19 | 03/31/20 | 0 | 38,750 | 303 |
| | | 6942127 | C | P062000 | 62196377-28291 | Chakraborty /Arup K | 04/01/19 | 03/31/20 | 0 | 88,112 | (0) |
| | | 6943542 | C | P062000 | 62196377-28291 | Chakraborty /Arup K | 04/01/20 | 03/31/21 | 0 | 88,511 | 0 |
| | | 6943642 | C | P062000 | 62106626-28291 | Chakraborty /Arup K | 04/01/20 | 03/31/21 | 0 | 31,466 | 0 |
| | | 6945635 | C | P062000 | 62106626-28291 | Chakraborty /Arup K | 04/01/21 | 03/31/22 | 22,720 | 38,750 | 16,030 |
| | | 6945749 | C | P062000 | 62196377-28291 | Chakraborty /Arup K | 04/01/21 | 03/31/22 | 23,351 | 111,402 | 88,051 |
| | 007485 Tufts University | 6936567 | C | P063007 | PO EP0159433; HH4977 | Buehler /Markus J | 06/10/17 | 12/31/99 | 0 | 46,690 | 46,690 |
| | | 6936620 | C | P063007 | HH4977 | Buehler /Markus J | 06/01/17 | 05/31/18 | 0 | 179,758 | (0) |
| | | 6939293 | C | P063007 | HH4977 / PO# EP0159433 | Buehler /Markus J | 06/01/18 | 05/31/19 | 0 | 124,784 | 0 |
| | | 6939624 | C | P067952 | 102188-00001-PETER_SZOLOVITS | Szolovits /Peter | 05/01/18 | 04/30/19 | (540) | 33,526 | (0) |
| | | 6941426 | C | P152000 | HH1241 | Pentelute /Bradley L. | 08/01/19 | 08/31/22 | 52,389 | 120,000 | 528 |
| | | 6941442 | C | P063007 | HH4977 | Buehler /Markus J | 06/10/17 | 05/31/20 | 0 | 65,247 | 0 |
| | | 6941631 | C | P067952 | 102188-00001-PETER_SZOLOVITS | Szolovits /Peter | 05/01/19 | 04/30/20 | 0 | 34,351 | 0 |
| | | 6942047 | C | P400600 | 103076-00001/NIH113/PO EP0192109 | Boyden /Edward | 09/15/19 | 06/30/22 | 129,611 | 395,075 | 409 |
| | | 6943555 | C | P063007 | HH4977 | Buehler /Markus J | 06/01/20 | 05/31/22 | 97,354 | 228,938 | (0) |
| | | 6943575 | C | P067952 | 102188-00001-PETER_SZOLOVITS | Szolovits /Peter | 05/01/20 | 04/30/21 | (181) | 34,858 | (0) |
| | | 6945813 | C | P065004 | 5020410 SERV | Guo /Ming | 06/01/21 | 11/30/22 | 75,380 | 79,890 | 4,510 |
| | | 6945991 | C | P067952 | 102188-00001-PETER_SZOLOVITS | Szolovits /Peter | 05/01/21 | 04/30/22 | 28,471 | 39,429 | 10,958 |
| | | 6946688 | C | P065004 | 102188-00051 | Anthony /Brian | 05/01/21 | 04/30/22 | 0 | 15,000 | 15,000 |
| | 007499 University of Ca | 6939893 | C | P069201 | S-001090 | Niles /Jacquin | 09/19/18 | 08/31/22 | 183,374 | 752,094 | 18,979 |
| | 007520 University of Ala | 6945045 | C | P400600 | 000526030-001 | Boyden /Edward | 09/01/20 | 08/31/22 | 129,507 | 263,550 | 885 |
| | 007529 University of California - Irvine | 6941300 | C | P069201 | SUBAWARD NO. 2014-3129 | Fraenkel /Ernest | 07/01/19 | 06/30/21 | 1,425 | 218,856 | 0 |
| | | 6941301 | C | P069201 | SUBAWARD NO. 2014-3129 | Fraenkel /Ernest | 07/01/19 | 06/30/21 | 513 | 298,081 | (0) |
| | | 6941302 | C | P069201 | SUBAWARD NO. 2014-3129 | Fraenkel /Ernest | 07/01/19 | 06/30/21 | 232 | 41,893 | 0 |
| | | 6941677 | C | P400600 | 2019-3795 | Ghosh /Satrajit S | 07/25/19 | 06/30/22 | 19,486 | 178,584 | 414 |
| | 007534 University of California-San Diego | 6936867 | C | P061901 | 91379849 (PO# S9001710) | Bhatia /Sangeeta N | 07/01/17 | 06/30/22 | 228,994 | 1,162,406 | 32,471 |
| | | 6943714 | C | P152000 | KR 703870 | Nolan /Elizabeth Marie | 07/07/20 | 06/30/22 | 14,011 | 165,660 | 63,237 |
| | | 6945353 | C | P400600 | 704347 | Wang /Fan | 01/01/21 | 05/31/22 | 0 | 110 | 110 |
| | | 6945442 | C | P400600 | 704347 | Wang /Fan | 01/01/21 | 05/31/21 | 5,105 | 222,367 | 0 |
| | | 6945628 | C | P400600 | 704347 | Wang /Fan | 06/01/21 | 05/31/22 | 638,446 | 747,876 | 109,425 |
| | | 6947763 | C | P400600 | 704347 | Wang /Fan | 06/01/22 | 05/31/23 | 5,579 | 0 | (5,579) |
| | 007555 University of Te | 6943466 | C | P402000 | 3001559445 | Chen /Jianzhu | 04/01/20 | 03/31/22 | 46,191 | 216,580 | 0 |
| | 007588 University of Te | 6946594 | C | P400600 | SA0001272 | Pantazis /Dimitrios | 09/30/21 | 08/31/24 | 27,017 | 197,226 | 170,209 |
| | 007611 University of Co | 6941937 | C | P402000 | 5652840/PO#357361/357361 | Hemann /Michael | 06/10/19 | 05/31/22 | 110,522 | 323,407 | (2,268) |
| | 007617 University of Mi | 6942674 | C | P400600 | A007605201 | Boyden /Edward | 09/01/19 | 08/31/22 | 269,373 | 610,312 | 34,635 |
| | 007625 University of California | 6934457 | C | P402000 | 2016-3340 | Housman /David E | 04/01/16 | 03/31/17 | 0 | 220,859 | (0) |
| | | 6936684 | C | P402000 | 2016-3340 | Housman /David E | 04/01/17 | 03/31/18 | 0 | 218,903 | 0 |
| | | 6938706 | C | P402000 | 2016-3340 | Housman /David E | 04/01/18 | 03/31/19 | 0 | 216,364 | (0) |
| | | 6941042 | C | P402000 | 2016-3340 | Housman /David E | 04/01/19 | 03/31/20 | 0 | 213,736 | (0) |
| | | 6943586 | C | P402000 | 2016-3340 | Housman /David E | 04/01/20 | 03/31/22 | 54,804 | 262,460 | (6,632) |
| | 007633 University of Ma | 6942722 | C | P400600 | PO#1000001612/SUBAWARD F30157 | Boyden /Edward | 01/01/20 | 10/31/22 | 64,133 | 200,762 | 41,723 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007637 University of Te | 6935645 | C | P400600 | UTA16-001174 | Ghosh /Satrajit S | 09/23/16 | 07/31/21 | 4,234 | 431,652 | 0 |
| | 007639 University of Washington | 6943230 | C | P061901 | UWSC11889 / PO#48380 | Collins /James J. | 03/10/20 | 02/28/23 | 146,760 | 279,000 | 26,788 |
| | | 6944261 | C | P267500 | UWSC12292 BPO: 51861 | Anikeeva /Polina Olegovna | 09/15/20 | 07/31/22 | 187,154 | 417,026 | (55,575) |
| | 007640 University of Vir | 6943791 | C | P165000 | GB10844.PO#2261580 | Ribbeck /Katharina | 06/01/20 | 05/31/22 | 65,162 | 160,955 | (8,786) |
| | 007641 University of Mi | 6941388 | C | P402000 | PO# 3005610970/SUBK00011520 | Yaffe /Michael B | 06/01/19 | 05/31/22 | 3,737 | 67,037 | 37 |
| | 007642 University of Massachusetts | 6934313 | C | P400600 | WA00434051/OSP2016201 | Ghosh /Satrajit S | 04/15/16 | 01/31/17 | 0 | 9,526 | (0) |
| | | 6934314 | C | P400600 | WA00433490/OSP2016196 | Ghosh /Satrajit S | 04/15/16 | 01/31/17 | 0 | 123,488 | 0 |
| | | 6936130 | C | P400600 | WA00536446 / OSP2016201 | Ghosh /Satrajit S | 02/01/17 | 01/31/18 | 0 | 28,336 | 0 |
| | | 6936131 | C | P400600 | WA00536449/OSP2016196 | Ghosh /Satrajit S | 02/01/17 | 01/31/18 | 0 | 179,880 | 0 |
| | | 6937955 | C | P159300 | 18-010032 A00 | Miller /Earl K | 07/20/17 | 05/30/22 | 40,080 | 526,953 | (111) |
| | | 6938650 | C | P400600 | WA00434051/OSP2016201 | Ghosh /Satrajit S | 02/01/18 | 01/31/19 | 0 | 18,710 | (0) |
| | | 6938652 | C | P400600 | OSP2016196 | Ghosh /Satrajit S | 02/01/18 | 01/31/19 | 0 | 154,543 | 0 |
| | | 6939279 | C | P061901 | OSP2018099/ PO NO.WA01134898 | Mirny /Leonid A | 08/01/18 | 08/31/22 | 70,370 | 396,748 | 43,324 |
| | | 6940496 | C | P400600 | WA00803340/OSP2016201 | Ghosh /Satrajit S | 02/01/19 | 01/31/20 | 0 | 20,604 | 0 |
| | | 6940498 | C | P400600 | WA00803347/ OSP2016196 | Ghosh /Satrajit S | 02/01/19 | 01/31/20 | 0 | 180,364 | 0 |
| | | 6942854 | C | P400600 | WA01187538; OSP2016201 | Ghosh /Satrajit S | 02/01/20 | 01/31/22 | 516 | 19,489 | (20) |
| | | 6942855 | C | P400600 | WA00803347/ OSP2016196 | Ghosh /Satrajit S | 02/01/20 | 01/31/22 | 2,638 | 159,633 | (0) |
| | | 6946788 | C | P400600 | PO WA01187538, OSP-SUB103-MIT | Ghosh /Satrajit S | 09/06/21 | 08/31/22 | 106,227 | 265,429 | 159,202 |
| | 007654 University of Massachusetts Medical Center | 6936249 | C | P067952 | WA00540618/OSP2017186 | Kellis /Manolis | 02/01/17 | 01/31/22 | 0 | 755 | 755 |
| | | 6936250 | C | P067952 | WA00540618/OSP2017186 | Kellis /Manolis | 02/01/17 | 01/31/18 | 0 | 187,557 | 0 |
| | | 6938367 | C | P067952 | WA00665463/OSP2017186 | Kellis /Manolis | 02/01/18 | 01/31/19 | 0 | 238,906 | 0 |
| | | 6939644 | C | P402000 | OSP2018125 | Anderson /Daniel Griffith | 09/10/18 | 07/31/21 | 0 | 88,306 | 88,306 |
| | | 6939645 | C | P402000 | OSP2018125 | Anderson /Daniel Griffith | 09/10/18 | 07/31/19 | 0 | 245,128 | (0) |
| | | 6940335 | C | P067952 | WA00805796/OSP2017186 | Kellis /Manolis | 02/01/19 | 01/31/20 | 0 | 239,926 | 0 |
| | | 6941685 | C | P402000 | OSP2018125 | Anderson /Daniel Griffith | 08/01/19 | 07/31/20 | 0 | 168,930 | 0 |
| | | 6942714 | C | P067952 | WA00540618/OSP2017186 | Kellis /Manolis | 02/01/20 | 01/31/21 | 0 | 239,733 | (0) |
| | | 6943957 | C | P402000 | OSP2018125/WA01020040 | Anderson /Daniel Griffith | 08/01/20 | 07/31/21 | 27,162 | 250,576 | (5,113) |
| | | 6944306 | C | P061901 | OSP33133-03/WA01042853 | Mirny /Leonid A | 07/01/20 | 06/30/21 | (1,318) | 286,628 | 38,669 |
| | | 6944367 | C | P069201 | OSP33133-02 | Hansen /Anders Sejr | 09/18/20 | 06/30/22 | 1,817 | 215,848 | 0 |
| | | 6944925 | C | P067952 | PO WA01069406 | Kellis /Manolis | 02/01/21 | 01/31/22 | 76,462 | 211,262 | 5,049 |
| | | 6945540 | C | P061901 | PO WA01146635/OSP33133-03 | Mirny /Leonid A | 07/01/21 | 06/30/22 | 346,428 | 344,710 | (1,718) |
| | | 6945739 | C | P069201 | OSP33133-02, PO WA01146636 | Hansen /Anders Sejr | 07/01/21 | 06/30/22 | 176,500 | 188,679 | 12,179 |
| | | 6946293 | C | P402000 | SUB00000076/PO# WA01159829 | Anderson /Daniel Griffith | 09/01/21 | 08/31/22 | 165,770 | 263,670 | 97,901 |
| | 007669 University of Flo | 6939490 | C | P067952 | UFDSP00012280 | Davis /Randall | 08/01/17 | 05/31/22 | 49,337 | 76,151 | 14,281 |
| | 007671 University of Pittsburgh | 6939246 | C | P065004 | CNVA0060623 (131345-1) | Hogan /Neville | 07/01/18 | 06/30/20 | (14) | 128,294 | (0) |
| | | 6943008 | C | P065004 | AWD00001777 (133980-1) | Hogan /Neville | 03/01/20 | 02/28/23 | 148,286 | 417,120 | 146,830 |
| | | 6944887 | C | P069201 | AWD00002100 (136326-1) | Griffith /Linda G | 07/01/20 | 06/30/22 | 0 | 20,947 | 20,947 |
| | | 6944892 | C | P069201 | AWD00002100 (134992-1) | Griffith /Linda G | 07/01/20 | 06/30/21 | 60 | 66,503 | 0 |
| | | 6946689 | C | P069201 | AWD00002100 (136326-1) | Griffith /Linda G | 07/01/21 | 06/30/22 | 115,149 | 87,450 | (27,699) |
| | | 6947191 | C | P159300 | AWD00004831 (137322-2) | Heiman /Myriam | 09/29/21 | 08/31/22 | 0 | 17,735 | 17,735 |
| | 007680 University of Rochester | 6940288 | C | P067952 | 417479 / URFAO: GR510880 | Katabi /Dina | 09/30/18 | 07/31/19 | 0 | 51,148 | 0 |
| | | 6942202 | C | P067952 | 417479 / URFAO: GR510880 | Katabi /Dina | 08/01/19 | 07/31/20 | 0 | 151,254 | (0) |
| | | 6945297 | C | P067952 | 417479 / URFAO: GR510880 | Katabi /Dina | 08/01/20 | 07/31/21 | 167,536 | 167,536 | 0 |
| | | 6946424 | C | P067952 | 417479-G/UR FAO GR510880 | Katabi /Dina | 05/01/21 | 07/31/22 | 144,817 | 167,537 | 22,720 |
| | 007699 Vanderbilt University | 6941961 | C | P402000 | VUMC77355 | Yilmaz /Omer | 07/09/19 | 05/31/20 | 0 | 72,288 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | University | 6943945 | C | P402000 | VUMC77355 | Yilmaz /Omer | 06/01/20 | 05/31/21 | (162) | 72,288 | (0) |
| | | 6946158 | C | P402000 | VUMC77355 | Yilmaz /Omer | 06/01/21 | 05/31/22 | 72,328 | 72,300 | (28) |
| | 007719 University of California - San Francisco | 6932939 | C | P062000 | 8943SC | Chakraborty /Arup K | 08/15/15 | 04/30/21 | 0 | 665,166 | 22,977 |
| | | 6934999 | C | P062000 | 9574SC | Chakraborty /Arup K | 07/01/16 | 06/30/22 | 40,604 | 537,462 | 25,968 |
| | | 6935000 | C | P062000 | 9583SC | Chakraborty /Arup K | 07/01/16 | 06/30/22 | 27,154 | 471,714 | 26,412 |
| | 007740 University of Ca | 6944227 | C | P165000 | A00-0876-S001 | Ribbeck /Katharina | 06/01/20 | 05/31/22 | 33,733 | 84,711 | (7,236) |
| | 007765 Washington Uni | 6944568 | C | P063007 | WU-21-57 | Buehler /Markus J | 08/01/20 | 07/31/22 | 91,530 | 150,801 | 44,310 |
| | 007845 Yale University | 6935083 | C | P402000 | GK000523 (CON-80000585) | Love /John C | 06/01/16 | 06/30/21 | 30,472 | 628,758 | 0 |
| | | 6936068 | C | P402000 | M17A12653(A10974) | Love /John C | 12/19/16 | 11/30/21 | 0 | 94,149 | 94,149 |
| | | 6936069 | C | P402000 | M17A12653(A10974) | Love /John C | 12/19/16 | 11/30/17 | 0 | 62,330 | 0 |
| | | 6936332 | C | P061901 | M17A12653(A10974) | Shalek /Alexander K | 12/19/16 | 11/30/17 | 0 | 118,259 | (0) |
| | | 6937937 | C | P402000 | M17A12653(A10974) | Love /John C | 12/01/17 | 11/30/18 | 0 | 115,025 | (0) |
| | | 6937938 | C | P061901 | M17A12653(A10974) | Shalek /Alexander K | 12/01/17 | 11/30/18 | 0 | 114,992 | 0 |
| | | 6940272 | C | P402000 | M17A12653(A10974) | Love /John C | 12/01/18 | 11/30/19 | 0 | 68,210 | (0) |
| | | 6940273 | C | P061901 | M17A12653(A10974) | Shalek /Alexander K | 12/01/18 | 11/30/19 | 0 | 110,238 | (0) |
| | | 6940556 | C | P121012 | GR105733 (CON-80001701) | Yoeli /Erez | 01/11/19 | 12/31/22 | 8,961 | 35,112 | 4,619 |
| | | 6942820 | C | P402000 | M17A12653(A10974) | Love /John C | 12/01/19 | 11/30/20 | 0 | 94,894 | 0 |
| | | 6942821 | C | P061901 | M17A12653(A10974) | Shalek /Alexander K | 12/01/19 | 11/30/20 | 0 | 86,753 | (0) |
| | | 6944458 | C | P267110 | GR110761 (CON-80002664) | Heldt /Thomas | 08/01/20 | 07/31/22 | 21,229 | 39,204 | (6,029) |
| | | 6944971 | C | P402000 | M17A12653(A10974) | Love /John C | 12/01/20 | 11/30/21 | 21,078 | 38,675 | (151) |
| | 007867 University of Louisiana at Lafayette | 6941981 | C | P402000 | 330185-01 | Irvine /Darrell J | 09/16/19 | 06/30/22 | (10,451) | 783,516 | 0 |
| | | 6947239 | C | P402000 | 330185-01 | Irvine /Darrell J | 09/16/19 | 06/30/22 | 85,058 | 300,000 | 214,942 |
| | 009906 MIT - Internal C | 6947847 | C | P159300 | AWD00004831 (137322-2) | Heiman /Myriam | 09/29/21 | 08/31/22 | 0 | 3,286 | 3,286 |
| | 010085 The Broad Institute, Inc. | 6942313 | C | P152000 | 50000652-5500001352 | Kiessling /Laura L | 08/07/19 | 07/31/22 | 0 | 0 | 0 |
| | | 6942487 | C | P152000 | 50000652-5500001352 | Kiessling /Laura L | 08/07/19 | 07/31/20 | 0 | 41,845 | 0 |
| | | 6942491 | C | P152000 | 50000651-5500001353 | Kiessling /Laura L | 08/07/19 | 07/31/20 | 0 | 9,310 | 0 |
| | | 6942494 | C | P152000 | 50000655-5500001351 | Pentelute /Bradley L. | 08/07/19 | 07/31/20 | 0 | 0 | 0 |
| | | 6942539 | C | P152000 | 50000655-5500001351 | Pentelute /Bradley L. | 08/07/19 | 07/31/20 | 0 | 181,663 | (0) |
| | | 6942540 | C | P152000 | 5000651-550000135 | Kiessling /Laura L | 08/07/19 | 07/31/20 | 0 | 223,544 | (0) |
| | | 6942541 | C | P267600 | 50000655-5500001351 | Lu /Timothy K | 08/07/19 | 07/31/20 | 0 | 138,768 | 0 |
| | | 6942542 | C | P061901 | 50000655-5500001351 | Bhatia /Sangeeta N | 08/07/19 | 07/31/20 | 0 | 143,446 | (0) |
| | | 6943346 | C | P152000 | 5000657-5500001353 | Kiessling /Laura L | 08/01/20 | 07/31/21 | 163 | 10,102 | (1,388) |
| | | 6943347 | C | P152000 | 5000419-5500001352 | Kiessling /Laura L | 08/01/20 | 07/31/21 | 6,288 | 233,352 | 114,660 |
| | | 6943383 | C | P152000 | 5000428-5500001351 | Pentelute /Bradley L. | 08/01/20 | 07/31/21 | 10,950 | 420,413 | 116,733 |
| | | 6943384 | C | P152000 | 5000428-5500001351 | Kiessling /Laura L | 08/01/20 | 07/31/21 | 76,996 | 1,013,909 | 394,191 |
| | | 6943385 | C | P267600 | 5000428-5500001351 | Lu /Timothy K | 08/01/20 | 07/31/21 | (33,336) | 217,705 | (0) |
| | | 6943386 | C | P061901 | 5000428-5500001351 | Bhatia /Sangeeta N | 08/01/20 | 07/31/21 | 44,257 | 505,576 | 59,934 |
| | | 6945975 | C | P152000 | 5000658-5500001353 | Kiessling /Laura L | 08/01/21 | 07/31/22 | 10,658 | 10,458 | (200) |
| | | 6945980 | C | P152000 | 5001141-5500001352 | Kiessling /Laura L | 08/01/21 | 07/31/22 | 147,002 | 143,531 | (3,471) |
| | | 6946012 | C | P152000 | 50000655-5500001351 | Pentelute /Bradley L. | 08/01/21 | 07/31/22 | 0 | 0 | 0 |
| | | 6946096 | C | P152000 | 5001139-5500001351 | Kiessling /Laura L | 08/01/21 | 07/31/22 | 634,096 | 638,026 | 3,930 |
| | | 6946097 | C | P152000 | 5001139-5500001351 | Pentelute /Bradley L. | 08/01/21 | 07/31/22 | 304,350 | 291,648 | (12,702) |
| | | 6946098 | C | P061901 | 5001139-5500001351 | Bhatia /Sangeeta N | 08/01/21 | 07/31/22 | 320,322 | 378,634 | 58,312 |
| | | 6946099 | C | P267600 | 5001139-5500001351 | Lu /Timothy K | 08/01/21 | 07/31/22 | 205,845 | 183,796 | (22,049) |
| | | 6946898 | C | P159300 | 5001242-5500001658 | Heiman /Myriam | 09/01/21 | 06/30/22 | 0 | 0 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946901 | C | P159300 | 5001242-5500001658 | Heiman /Myriam | 09/01/21 | 06/30/22 | 88,269 | 286,430 | 198,161 |
| | | 6946978 | C | P067952 | 5001242-5500001658 | Kellis /Manolis | 09/01/21 | 06/30/22 | 313,566 | 371,435 | 57,869 |
| | 010143 Trustees of Boston University | 6944654 | C | P067952 | SUBAWARD NO. 4500003743 | Glass /James R | 09/15/20 | 05/31/25 | 0 | 825 | 825 |
| | | 6944695 | C | P067952 | SUBAWARD NO. 4500003743 | Glass /James R | 09/15/20 | 05/31/21 | 0 | 28,249 | (0) |
| | | 6946220 | C | P067952 | SUBAWARD NO. 4500004001 | Glass /James R | 09/15/20 | 05/31/22 | 130,226 | 393,355 | 263,129 |
| | 010211 Vanderbilt Univ | 6941207 | C | P402100 | VUMC 36112 | Fox /James G | 07/01/19 | 06/30/21 | (6,152) | 164,404 | (0) |
| | 010427 University of Connecticut Health Center | 6938541 | C | P151054 | UCHC7-129146661-A7 | Burge /Christopher B | 02/05/18 | 01/31/23 | 0 | 0 | 0 |
| | | 6938543 | C | P151054 | UCHC7-115886049- CORE# 500786 | Burge /Christopher B | 02/05/18 | 01/31/19 | 0 | 6,931 | 0 |
| | | 6938544 | C | P151054 | UCHC7-115886049 | Burge /Christopher B | 02/05/18 | 01/31/19 | 0 | 15,911 | 0 |
| | | 6938545 | C | P151054 | UCHC7-115886049 | Burge /Christopher B | 02/05/18 | 01/31/19 | 0 | 16,412 | (0) |
| | | 6940350 | C | P151054 | UCHC7-115886049 - CORE# 500786 | Burge /Christopher B | 02/05/18 | 01/31/20 | 0 | 33,483 | 0 |
| | | 6940351 | C | P151054 | UCHC7-115886049 - CORE# 500785 | Burge /Christopher B | 02/05/18 | 01/31/20 | 0 | 447,204 | (0) |
| | | 6940352 | C | P151054 | UCHC7-115886049- CORE# 500784 | Burge /Christopher B | 02/05/18 | 01/31/20 | 0 | 48,658 | 0 |
| | | 6942557 | C | P151054 | UCHC7-115886049 | Burge /Christopher B | 02/01/20 | 01/31/21 | 0 | 18,249 | 0 |
| | | 6942558 | C | P151054 | UCHC7-115886049 | Burge /Christopher B | 08/01/19 | 01/31/21 | 0 | 318,584 | 0 |
| | | 6942559 | C | P151054 | UCHC7-115886049 | Burge /Christopher B | 02/01/20 | 01/31/21 | 0 | 48,747 | 0 |
| | | 6944777 | C | P151054 | UCHC7-129146661-A7 | Burge /Christopher B | 11/03/20 | 01/31/23 | 12,188 | 22,410 | 6,347 |
| | | 6944778 | C | P151054 | UCHC7-129146661-A7 | Burge /Christopher B | 11/03/20 | 01/31/23 | 389,087 | 533,982 | 5,738 |
| | | 6944779 | C | P151054 | UCHC7-129146661-A7 | Burge /Christopher B | 11/03/20 | 01/31/23 | 31,308 | 42,707 | 4 |
| | 010444 Praevium Rese | 6940040 | C | P267600 | AGMT DTD 9/17/2018 | Fujimoto /James G | 09/17/18 | 08/31/22 | 191,819 | 546,235 | 51,659 |
| | 011005 Icahn School of Medicine at Mount Sinai | 6943553 | C | P067952 | 0255-2446-4609 | Kellis /Manolis | 12/01/19 | 11/30/22 | 0 | 49,500 | 1,476 |
| | | 6944824 | C | P067952 | 0255-E501-4609 | Kellis /Manolis | 12/01/20 | 11/30/21 | 22,690 | 33,000 | (2,406) |
| | | 6947150 | C | P067952 | 0255-E503-4609 | Kellis /Manolis | 12/01/21 | 11/30/22 | 1,291 | 33,000 | 31,709 |
| | 011519 University of Texas Medical Branch | 6943880 | C | P061901 | 20-85074-01 | Gehrke /Lee | 06/01/20 | 05/31/21 | 0 | 55,174 | 0 |
| | | 6945351 | C | P061901 | 21-85074-02 | Gehrke /Lee | 06/01/21 | 05/31/22 | 54,465 | 75,300 | 956 |
| | | 6947647 | C | P061901 | 20-85074-01 | Gehrke /Lee | 06/01/22 | 05/31/23 | 0 | 75,300 | 75,300 |
| | 011536 3M Innovative P | 6945061 | C | P062000 | AGRMT. DATED TBD | Sikes Johnson /Hadley | 06/24/20 | 08/31/20 | 23,951 | 23,951 | 0 |
| | 011665 Integrated Laboratory Systems, Inc | 6939579 | C | P165000 | SUB UNDER U44ES024698 | Engelward /Bevin P | 09/01/18 | 12/31/22 | 0 | 361,161 | 0 |
| | | 6944233 | C | P165000 | SUB UNDER U44ES024698 | Engelward /Bevin P | 07/01/20 | 12/31/22 | 66,950 | 292,404 | 3,975 |
| | | 6947166 | C | P165000 | SUB UNDER U44ES024698 | Engelward /Bevin P | 09/01/18 | 12/31/22 | 19,709 | 60,067 | 40,358 |
| | 100486 La Jolla Institute for Allergy and Immunology | 6942059 | C | P069201 | 27909-01-133-408 | Lauffenburger /Douglas A | 05/01/19 | 04/30/22 | 0 | 48,556 | 48,556 |
| | | 6942060 | C | P069201 | 27909-01-133-408 | Lauffenburger /Douglas A | 05/01/19 | 04/30/20 | 0 | 81,368 | (0) |
| | | 6943342 | C | P069201 | 27909-02-133-408 | Lauffenburger /Douglas A | 05/01/20 | 04/30/21 | 0 | 96,430 | 0 |
| | | 6945203 | C | P402000 | 20021-06-133-382 | Irvine /Darrell J | 02/11/21 | 01/31/22 | 67,290 | 116,531 | 0 |
| | | 6945467 | C | P069201 | 27909-03-133-408 (PREVIOUSLY 279( | Lauffenburger /Douglas A | 05/01/21 | 04/30/22 | 119,777 | 141,736 | 21,959 |
| | | 6947438 | C | P402000 | 20021-06-133-382 | Irvine /Darrell J | 02/01/22 | 01/31/23 | 58,592 | 124,080 | 65,488 |
| | 101030 Ension, Inc. | 6943638 | C | P267110 | STTR EFFECTIVE 06/16/2020 | Trumper /David L | 06/13/20 | 05/31/21 | 0 | 272,864 | 191,304 |
| | | 6944743 | C | P267110 | STTR EFFECTIVE 06/16/2020 | Trumper /David L | 06/13/20 | 05/31/21 | 0 | 1,497 | 0 |
| | | 6945541 | C | P267110 | STTR EFFECTIVE 06/16/2020 | Trumper /David L | 06/01/21 | 05/31/22 | 180,284 | 87,136 | (99,381) |
| | | 6945809 | C | P267110 | STTR EFFECTIVE 06/16/2020 | Trumper /David L | 06/01/21 | 05/31/22 | 24,139 | 78,503 | 54,363 |
| | 101427 Massachusetts Eye and Ear Infirmary | 6940820 | C | P267500 | SUBAWARD NO. 530673 | Lang /Jeffrey H | 04/01/19 | 03/31/23 | 119,468 | 481,922 | 120,518 |
| | | 6943500 | C | P267500 | 530842 | Lang /Jeffrey H | 06/01/20 | 08/31/21 | 17,144 | 102,354 | 23,232 |
| | 101870 University of California, Los Angeles | 6938069 | C | P402000 | 0125 G VB305 | White /Forest M | 09/25/17 | 08/31/18 | 0 | 83,805 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | California, Los Angeles | 6939958 | C | P402000 | 0125 G VB305 | White /Forest M | 09/01/18 | 08/31/19 | 0 | 86,222 | (0) |
| | | 6941247 | C | P069201 | 1554 G WC474 | Bryson /Bryan David | 07/01/19 | 09/30/22 | 226,866 | 462,150 | 45,768 |
| | | 6941880 | C | P402000 | 0125 G VB305 | White /Forest M | 09/01/19 | 08/31/20 | 0 | 83,864 | 0 |
| | | 6942046 | C | P069201 | 1554 G XA369 | Bryson /Bryan David | 07/12/19 | 07/31/22 | 164,915 | 315,754 | (14,326) |
| | | 6942479 | C | P400600 | 2000 G XH151 | Jazayeri /Mehrdad | 09/30/19 | 09/29/20 | 0 | 54,448 | 0 |
| | | 6944232 | C | P400600 | 2000 G XH151 | Jazayeri /Mehrdad | 09/30/20 | 09/29/21 | 60,640 | 149,345 | (3,378) |
| | | 6944573 | C | P402000 | 0125 G VB305 | White /Forest M | 09/01/20 | 08/31/21 | 5,274 | 67,092 | 0 |
| | | 6944720 | C | P400600 | 1430 G YA886 | Wickersham /Ian R. | 06/01/20 | 05/31/22 | 0 | 19 | 19 |
| | | 6944820 | C | P400600 | 1430 G YA886 | Wickersham /Ian R. | 06/01/20 | 05/31/21 | 0 | 92,967 | 0 |
| | | 6945723 | C | P400600 | 1430 G YA886 | Wickersham /Ian R. | 06/15/21 | 05/31/22 | 92,694 | 92,986 | 292 |
| | | 6946753 | C | P159300 | 2000 G ZE943 | Chung /Kwanghun | 09/10/21 | 08/31/24 | 110,634 | 266,745 | 156,111 |
| | | 6946974 | C | P402000 | 0125 G VB305 | White /Forest M | 09/01/21 | 08/31/22 | 65,133 | 58,620 | (6,513) |
| | 102237 Wyss Institute | 6944323 | C | P061901 | 168019.0402 | Collins /James J. | 08/01/20 | 07/31/21 | 1,232 | 12,186 | 0 |
| | | 6946335 | C | P061902 | 150335.0007 (CHEN.NIH.R01) | Greenberg /Julie E | 06/01/21 | 01/31/22 | 23,683 | 23,683 | 0 |
| | | 6946339 | C | P061901 | 168019.0502 | Collins /James J. | 08/01/19 | 07/31/22 | 5,004 | 2,487 | (2,516) |
| | | 6946908 | C | P061902 | 168028.0105 | Greenberg /Julie E | 09/01/21 | 08/31/22 | 40,239 | 40,366 | 127 |
| | | 6947176 | C | P061901 | 168019.0502 | Collins /James J. | 02/01/22 | 07/31/22 | 30,801 | 36,961 | 6,160 |
| | | 6947354 | C | P061902 | 150335.0007 (CHEN.NIH.R01) | Greenberg /Julie E | 02/01/22 | 05/31/22 | 16,951 | 16,952 | 1 |
| | | 6947452 | C | P061901 | 168019-0502 | Collins /James J. | 05/16/22 | 07/31/22 | 7,265 | 10,969 | 3,705 |
| | 102938 European Bioinf | 6946780 | C | P067952 | 2U24HG007234-09, MIT-4559-04 | Kellis /Manolis | 09/14/21 | 06/30/22 | 182,826 | 191,594 | 8,768 |
| | 103923 Somagenics, In | 6942104 | C | P062000 | SBIR SUB AGMT EFF 10/1/19 | Hammond /Paula T | 10/01/19 | 08/31/22 | 2,422 | 15,000 | 0 |
| | 103924 Neural Dynamic | 6946249 | C | P159300 | NDT_21_01 | Bear /Mark | 09/01/21 | 08/31/22 | 66,627 | 113,606 | 46,979 |
| | 104003 Tufts Clinical and Translational Science Institute | 6946217 | C | P061901 | 102188-00046:NH9053_ROCHE | Roche /Ellen | 05/01/21 | 04/30/22 | 14,631 | 30,000 | 15,369 |
| | 104442 Biolytic | 6943676 | C | P061901 | AGMT DTD. 09/19/2019 | Shalek /Alexander K | 09/19/19 | 09/19/21 | 0 | 45,000 | 19,491 |
| | 104786 DeNovX, LLC | 6940412 | C | P062000 | SBIR DTD 03/22/2019 | Myerson /Allan S. | 03/22/19 | 08/31/22 | 90,476 | 395,881 | 41,028 |
| | 105626 Collagen Medic | 6946396 | C | P152000 | AGMT EFF 9/1/21 | Bawendi /Moungi G | 09/01/21 | 08/31/22 | 45,772 | 90,000 | 44,228 |
| | 106317 Augusta Univers | 6942168 | C | P267500 | 31733-2 | Anikeeva /Polina Olegovna | 06/01/19 | 05/31/21 | (4,784) | 64,193 | 0 |
| | 106839 MicroBrightField, Inc | 6946530 | C | P400600 | MH124566-01A1 | Boyden /Edward | 07/02/21 | 07/04/22 | 0 | 0 | 0 |
| | | 6946605 | C | P400600 | MH124566-01A1 | Boyden /Edward | 07/02/21 | 07/04/22 | 187,114 | 223,511 | 36,397 |
| | 107632 InnoTech LLC | 6944893 | C | P062000 | AGRMT DATED 02/08/2021 | Strano /Michael S. | 02/08/21 | 11/30/22 | 60,728 | 71,903 | 353 |
| | | 6944979 | C | P062000 | AGRMT DATED 02/08/2021 | Furst /Ariel L | 02/08/21 | 11/30/22 | 43,569 | 58,879 | 796 |
| | 108253 Mbarara Univers | 6947312 | C | P061901 | 1U54TW012043-01 | Celi /Leo Anthony G. | 09/15/21 | 06/30/22 | 2,202 | 26,948 | 24,746 |
| | 108516 Albany Researc | 6944859 | C | P400600 | 96.2.03 | Kanwisher /Nancy | 11/01/20 | 08/31/21 | 99,751 | 99,751 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **138,389,320** | **623,607,723** | **113,937,613** |
| 000360 U.S. Department of Health and Human Services | 000360 U.S. Departmer of Health and Human Services | 6932856 | C | P067952 | HHSP233201500054C | Brewer /Judith A | 09/30/15 | 09/29/20 | 0 | 0 | 0 |
| | | 6933023 | C | P067952 | HHSP233201500054C | Brewer /Judith A | 09/30/15 | 09/29/16 | 0 | 500,000 | (0) |
| | | 6934898 | C | P067952 | HHSP233201500054C/DUNS #001425 | Brewer /Judith A | 09/30/16 | 09/29/17 | 0 | 498,196 | (0) |
| | | 6936835 | C | P067952 | HHSP233201500054C | Brewer /Judith A | 09/30/17 | 09/29/18 | 0 | 499,963 | (0) |
| | | 6939153 | C | P067952 | HHSP233201500054C DUNS# 001425 | Brewer /Judith A | 09/30/18 | 09/29/19 | 0 | 499,034 | 0 |
| | | 6941573 | C | P067952 | HHSP233201500054C DUNS# 001425 | Brewer /Judith A | 09/30/19 | 09/29/20 | 0 | 500,000 | 1,216 |
| | | 6944408 | C | P067952 | 75P00120P00168 | Brewer /Judith A | 09/29/20 | 09/28/21 | 168,536 | 500,000 | 1,627 |
| | | 6945452 | C | P067952 | 75P00120P00168 | Brewer /Judith A | 09/29/21 | 09/28/22 | 334,909 | 500,000 | 165,091 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **503,445** | **3,497,193** | **167,934** |
| 000400 NASA - Washington (USE FOR PROPOSALS ONLY) | 000400 NASA - Washin | 6947714 | C | P159600 | | Schattenburg /Mark L | 04/08/22 | 04/07/24 | 3,744 | 0 | (3,744) |
| | 004094 Physical Scienc | 6945999 | C | P065005 | AGMT DTD 7/26/2021, # 10-10901 | Yang /Maria | 05/19/21 | 02/18/22 | 28,381 | 29,217 | 836 |
| | 004639 Univ. Corporation For Atmos. Research | 6941885 | C | P153000 | SUBAWD001618 | Solomon /Susan | 08/01/19 | 02/23/22 | 21,418 | 70,679 | 16,674 |
| | | 6947145 | C | P401710 | SUBAWD003027 / PO P2019470 | Zhang /Shun-Rong | 12/23/21 | 07/31/22 | 0 | 93,500 | 93,500 |
| | 005165 Applied Physics | 6941599 | C | P153000 | 158669 | Soderblom /Jason | 09/05/19 | 03/31/22 | 24,375 | 62,104 | 114 |
| | 005173 Arizona State University | 6937561 | C | P153000 | SUBCONTRACT NO. 17-257 | Weiss /Benjamin P | 07/01/17 | 09/23/22 | 0 | 272,236 | 272,236 |
| | | 6937562 | C | P153000 | SUBCONTRACT NO. 17-257 | Weiss /Benjamin P | 07/01/17 | 09/23/22 | 138,498 | 753,812 | 1,801 |
| | | 6937563 | C | P153000 | SUBCONTRACT NO. 17-257 | Binzel /Richard P | 07/01/17 | 09/23/22 | 53,573 | 101,281 | 8,681 |
| | | 6937564 | C | P153000 | SUBCONTRACT NO. 17-257 | Zuber /Maria | 07/01/17 | 09/23/22 | 10,952 | 58,071 | 13,765 |
| | | 6938278 | C | P153000 | SUBCONTRACT NO. 17-257 | Weiss /Benjamin P | 07/01/17 | 08/31/19 | 0 | 198,523 | 0 |
| | 005246 Baylor College ( | 6947454 | C | P039000 | EKBLAW-INN0007/PO#7000001634 | Ekblaw /Ariel C | 10/01/21 | 09/30/22 | 82,658 | 200,000 | 117,342 |
| | 005410 CalTech - Jet Propulsion Lab | 6932364 | C | P153000 | 1532689 | Soderblom /Jason | 06/24/15 | 11/24/24 | 20,296 | 178,115 | 24,402 |
| | | 6936482 | C | P153000 | CREI 1576768 | Weiss /Benjamin P | 05/25/17 | 09/23/22 | 487,942 | 1,869,735 | 26,213 |
| | | 6939724 | C | P159600 | RSA NO. 1613943 | Marshall /Herman | 09/21/18 | 09/27/21 | 0 | 10,000 | 4,191 |
| | | 6941778 | C | P159600 | 1633043 | Canizares /Claude R | 06/27/19 | 09/27/22 | 195 | 10,000 | 2,391 |
| | | 6943541 | C | P063007 | RSA #: 1650928 | Entekhabi /Dara | 05/07/20 | 04/27/21 | 901 | 38,261 | 0 |
| | | 6946595 | C | P153000 | RSA #: 1667219 | Hill /Christopher N | 07/29/21 | 06/24/22 | 28,861 | 230,617 | 201,756 |
| | | 6947689 | C | P153000 | 1676067 | Hill /Christopher N | 07/24/22 | 12/23/23 | 0 | 156,548 | 156,548 |
| | 005508 Columbia Unive | 6946647 | C | P159900 | 2(GG016372-01) | Perez /Kerstin M. | 08/17/21 | 08/16/22 | 122,120 | 161,538 | 39,418 |
| | 005521 Cornell Universi | 6943483 | C | P153000 | 87941-11363 | Soderblom /Jason | 07/24/19 | 07/23/22 | 19,606 | 61,039 | (4,199) |
| | 006041 The Boeing Cor | 6947184 | C | P061097 | L1021-0007-PO 2170074 | Fan /Chuchu | 10/01/21 | 09/30/22 | 13,939 | 65,000 | 51,061 |
| | 006570 Massachusetts | 6946004 | C | P039000 | SUBAWARD 238399 | Maes /Patricia | 02/23/21 | 02/22/23 | 186,422 | 104,000 | (82,422) |
| | 006622 Washington Uni | 6943244 | C | P061094 | WU-20-335 | Barrett /Steven R. H. | 12/01/19 | 09/30/22 | 16,270 | 99,245 | 53,829 |
| | 006640 Michigan State I | 6946281 | C | P063007 | RC112871A | Entekhabi /Dara | 06/09/21 | 06/08/23 | 41,694 | 42,000 | 306 |
| | 006663 Michigan Technological University | 6937089 | C | P065004 | SUB 1607060Z6 / PO P0100197 | Hart /Anastasios John | 06/15/17 | 06/14/23 | 174,845 | 1,629,043 | 134,996 |
| | | 6937520 | C | P061093 | NNX17AJ32G | Wardle /Brian L | 06/15/17 | 06/14/23 | 43,454 | 477,778 | 6,517 |
| | | 6938436 | C | P065004 | SUB 1607060Z6 / PO P0100197 | Hart /Anastasios John | 01/16/18 | 06/14/22 | 1,374 | 14,150 | 2,585 |
| | | 6939521 | C | P065004 | SUB 1607060Z6 / PO P0100197 | Hart /Anastasios John | 09/01/18 | 06/14/22 | 0 | 13,750 | (212) |
| | | 6940754 | C | P065004 | SUB 1607060Z6 / PO P0100197 | Hart /Anastasios John | 05/01/18 | 06/14/22 | 0 | 15,279 | 12,717 |
| | 006876 Northwestern U | 6944393 | C | P154000 | 60057449 MIT | Burns /Keaton James | 07/02/20 | 07/01/23 | 52,696 | 133,456 | 63,931 |
| | 006968 ESPACE | 6945404 | C | P061090 | AGMT DTD 1/26/2021 | Lozano /Paulo C | 01/26/21 | 01/25/23 | 135,249 | 370,000 | 228,716 |
| | 007070 Pennsylvania St | 6935503 | C | P159600 | 5586-MIT-NASA-B07G | Bautz /Marshall W | 10/18/16 | 10/17/21 | (3,720) | 1,176,864 | 0 |
| | 007093 Planetary Scien | 6944815 | C | P153000 | 1780-MIT | Person /Michael J | 02/01/21 | 01/31/24 | 39,850 | 210,915 | 152,666 |
| | 007180 Purdue Universi | 6946432 | C | P153000 | 12000416-003 | Soderblom /Jason | 09/01/21 | 08/31/24 | 5,012 | 10,792 | 5,780 |
| | | 6946550 | C | P159400 | 12000414-018 | Prinn /Ronald G | 08/05/21 | 08/04/24 | 2,937 | 4,255 | 1,318 |
| | 007360 Smithsonian Ins - Astrophysical Observatory | 6940590 | C | P159600 | GO9-20117A | McDonald /Michael A. | 02/25/19 | 02/24/23 | 26,112 | 128,837 | 49,514 |
| | | 6941239 | C | P159600 | GO9-20018X | Guenther /Hans M | 02/25/19 | 02/24/22 | 16,193 | 42,739 | 0 |
| | | 6941717 | C | P159600 | AR9-20009X | Bautz /Marshall W | 04/03/19 | 04/02/22 | 4,718 | 54,981 | 0 |
| | | 6942230 | C | P159600 | GO9-20029X | Chakrabarty /Deepto | 10/30/19 | 10/29/21 | 8,033 | 26,433 | 0 |
| | | 6942233 | C | P159600 | GO9-20005A | Huenemoerder /David P | 10/03/19 | 10/02/22 | 55,360 | 104,989 | (630) |
| | | 6942234 | C | P159600 | GO8-19086B | Baganoff /Frederick K | 11/19/19 | 11/18/22 | 16,763 | 17,178 | 415 |
| | | 6942692 | C | P159600 | AR0-21002B | Huenemoerder /David P | 01/29/20 | 01/28/23 | 29,906 | 40,000 | (205) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942757 | C | P159600 | GO0-21015A | Schulz /Norbert S | 01/14/20 | 01/13/23 | 173,031 | 296,687 | 75,282 |
| | | 6942802 | C | P159600 | GO0-21004B | Canizares /Claude R | 01/14/20 | 01/13/23 | 9,796 | 13,733 | 1,589 |
| | | 6942804 | C | P159600 | GO0-21021X | Guenther /Hans M | 01/14/20 | 01/13/23 | 30,152 | 17,700 | (12,452) |
| | | 6946118 | C | P159600 | GO1-22131A | McDonald /Michael A. | 01/30/21 | 01/29/23 | 17,044 | 18,437 | 1,393 |
| | | 6946562 | C | P159600 | GO1-22007X | Guenther /Hans M | 03/09/21 | 03/08/23 | 0 | 35,100 | 35,100 |
| | 007362 Space Telescop | 6943190 | C | P153000 | 51787 | Seager /Sara | 05/05/20 | 04/30/25 | 63,780 | 108,132 | 40,804 |
| | 007372 Southwest Research Institute | 6893453 | C | P153000 | 299433Q/SUB UNDER NASW-02008 | Binzel /Richard P | 01/15/02 | 09/30/22 | 16,594 | 1,015,864 | 3,004 |
| | | 6938097 | C | P153000 | K99059JRG | Binzel /Richard P | 06/01/17 | 09/30/22 | 61,725 | 221,572 | 117,431 |
| | | 6943416 | C | P153000 | N99069EH | Person /Michael J | 05/15/20 | 01/31/23 | 6,640 | 72,065 | 26,552 |
| | | 6943437 | C | P153000 | N99074DS | Soderblom /Jason | 06/01/20 | 01/31/23 | 36,493 | 130,885 | 53,017 |
| | 007499 University of Ca | 6944333 | C | P159600 | S-001256 | Vogelsberger /Mark | 04/01/20 | 03/31/23 | 132,483 | 123,839 | (8,644) |
| | 007519 University of Ala | 6940732 | C | P159600 | 2019-064 | Richardson /John D | 03/01/19 | 01/31/23 | 46,503 | 78,229 | (45) |
| | 007534 University of Ca | 6943170 | C | P153000 | 130808869 | Forget /Gael | 03/19/20 | 03/18/23 | 17,577 | 38,607 | 6,672 |
| | 007615 University of Arizona | 6938420 | C | P267500 | PO NO. 440148 | Hu /Qing | 01/01/18 | 02/28/22 | 19,147 | 1,106,000 | 245 |
| | | 6947837 | C | P153000 | 656500 | Rackham /Benjamin V | 05/01/22 | 04/30/23 | 0 | 36,160 | 36,160 |
| | 007616 University of So | 6942679 | C | P063007 | 128759572 | Entekhabi /Dara | 01/20/20 | 06/30/22 | 181,643 | 496,244 | 114,543 |
| | 007618 University of Co | 6946805 | C | P401710 | 1561486 / PO 1001608250 | Goncharenko /Larisa | 01/01/22 | 12/31/22 | 18,279 | 44,008 | 25,728 |
| | 007637 University of Te | 6945944 | C | P061093 | UTA21-000383 | Balakrishnan /Hamsa | 09/01/21 | 08/31/25 | 144,242 | 193,014 | 48,772 |
| | 010428 Photon Spot, In | 6945777 | C | P267111 | STTR UNDER 80NSSC21C0126 | Englund /Dirk R. | 05/19/21 | 06/19/22 | 3,522 | 60,500 | 56,978 |
| | 011221 Center for Advancement of Scienc in Space | 6945185 | C | P165000 | GA-2021-9806 | Grodzinsky /Alan J | 04/01/21 | 11/30/21 | 29,364 | 97,840 | (0) |
| | | 6947027 | C | P039000 | GA-2021-8463 | Wood /Danielle Renee | 12/10/21 | 03/31/23 | 8,871 | 42,073 | 33,202 |
| | 101870 University of Ca | 6943435 | C | P159600 | 1000 G XD598 | Vogelsberger /Mark | 07/01/20 | 06/30/22 | 101,056 | 60,875 | (40,181) |
| | 102502 Cross Trac Engineering, Inc. | 6946037 | C | P061097 | AGMT DTD 6/15/2021 | Cahoy /Kerri | 06/01/21 | 05/31/22 | 161,971 | 157,574 | (4,397) |
| | | 6946046 | C | P061097 | AGMT DTD 8/5/2021 | Cahoy /Kerri | 05/18/21 | 05/17/22 | 214,658 | 226,546 | 11,888 |
| | 104165 New Electricity | 6944869 | C | P267500 | AGMT EFF 9/1/20 | Kirtley /James L | 09/01/20 | 07/20/22 | 153,929 | 273,766 | 15,864 |
| | 105716 Combustion Re | 6946534 | C | P068000 | 80NSSC21C0619/C841 | Baglietto /Emilio | 10/01/21 | 12/31/22 | 6,175 | 140,000 | 133,825 |
| | 107215 Little Prairie Services | 6944937 | C | P264000 | AGREEMENT DATE 07/30/2020 | Shirvan /Koroush | 08/01/20 | 04/30/21 | (595) | 60,232 | (0) |
| | | 6947653 | C | P264000 | AGMT DTD. 04/26/2022 | Shirvan /Koroush | 04/13/22 | 04/12/24 | 2,731 | 374,999 | 372,268 |
| | 107339 Docugami, Inc. | 6944670 | C | P067952 | AGREEMENT DATED | O'Reilly /Una-May | 08/31/20 | 09/30/21 | (2,011) | 50,000 | 0 |
| | 108512 LyteChip, Inc | 6946546 | C | P417500 | AGREEMENT DATED EFF 7/15/2021 | Hu /Juejun | 10/01/21 | 05/31/22 | 35,423 | 35,000 | (423) |
| | 109363 Northern Arizon | 6947816 | C | P153000 | 1005096-01 | DeMeo /Francesca E | 04/01/22 | 03/31/23 | 14 | 56,152 | 56,138 |
| | 109853 BlazeTech Corp | 6946669 | C | P401710 | AGMT DTD 7/11/21 | Hecht /Michael | 07/11/21 | 11/15/21 | 14,081 | 13,992 | (89) |
| | **Total by Primary Sponsor** | | | | | | | | **3,614,947** | **15,032,785** | **2,853,030** |
| 000401 NASA - Pasadena | 005165 Applied Physics Lab of Johns Hopkins | 6932977 | C | P153000 | 130359 | Soderblom /Jason | 11/19/15 | 11/24/24 | 0 | 27,978 | (0) |
| | | 6936010 | C | P153000 | 130359 | Soderblom /Jason | 02/26/17 | 10/28/18 | 0 | 39,713 | (0) |
| | | 6939800 | C | P153000 | 130359 | Soderblom /Jason | 10/28/18 | 11/24/24 | 69,155 | 170,990 | 12,530 |
| | 005410 CalTech - Jet Propulsion Lab | 6899758 | C | P159600 | 1283622 | Richardson /John D | 06/01/06 | 09/25/22 | 219,783 | 5,423,334 | 13,564 |
| | | 6930713 | C | P063007 | SUBCONTRACT NO. 1510842 | Entekhabi /Dara | 04/01/14 | 12/31/22 | 233,901 | 2,440,723 | 258,758 |
| | | 6936100 | C | P153000 | CREI 1572041 | Wunsch /Carl Isaac | 03/30/17 | 05/31/22 | 116,767 | 1,316,000 | 7,000 |
| | | 6939446 | C | P153000 | RSA 1612723 | Hill /Christopher N | 09/10/18 | 09/30/21 | 3,172 | 168,224 | 5,469 |
| | | 6940961 | C | P401710 | CREI1628175 | Hecht /Michael | 05/02/19 | 01/06/23 | 16,858 | 103,087 | 12,878 |
| | | 6942200 | C | P060600 | RSA NO. 1640773 | Han /Ruonan | 10/23/19 | 09/27/21 | (4,914) | 90,000 | 0 |
| | | 6942321 | C | P061097 | RSA NO. 1643595 | Marzouk /Youssef M | 12/09/19 | 09/27/20 | (2) | 45,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942364 | C | P068700 | SUBCONTRACT 1642734 | Carlone /Luca | 09/01/19 | 11/30/21 | 79,159 | 259,917 | 0 |
| | | 6943258 | C | P067952 | CREI 1651069 | Williams /Brian C | 05/11/20 | 03/31/21 | (27,279) | 100,000 | 0 |
| | | 6943797 | C | P267100 | RSA NO. 1652472 | Ketterle /Wolfgang | 06/18/20 | 06/04/21 | 0 | 287 | 287 |
| | | 6944377 | C | P267100 | RSA NO. 1652472 | Ketterle /Wolfgang | 06/18/20 | 06/04/21 | 0 | 37,310 | (0) |
| | | 6944378 | C | P267100 | RSA NO. 1652472 | Vuletic /Vladan | 06/18/20 | 06/04/21 | 8,045 | 37,403 | (0) |
| | | 6944381 | C | P061097 | RSA NO. 1657033 | Marzouk /Youssef M | 10/22/20 | 09/26/21 | 9,198 | 44,931 | 0 |
| | | 6944382 | C | P061097 | RSA NO. 1657297 | Cahoy /Kerri | 10/29/20 | 09/26/21 | (9,681) | 54,924 | 0 |
| | | 6944556 | C | P153000 | RSA NO. 1657974 | Minchew /Brent Morton | 11/18/20 | 09/26/22 | 52,744 | 45,000 | (7,744) |
| | | 6944613 | C | P159400 | RSA NO. 1658304 | Dutkiewicz /Stephanie | 12/01/20 | 05/31/21 | 630 | 12,242 | (0) |
| | | 6944746 | C | P268001 | RSA NO. 1658853 | Han /Ruonan | 12/17/20 | 09/26/22 | 67,885 | 50,000 | (24,471) |
| | | 6944800 | C | P039000 | RSA 1657710 | Wood /Danielle Renee | 11/11/20 | 09/26/21 | 6,925 | 50,000 | 0 |
| | | 6944912 | C | P067952 | RSA NO.1659474 | Williams /Brian C | 01/18/21 | 09/25/22 | 83,705 | 110,000 | 38 |
| | | 6945405 | C | P060600 | RSA NO. 1660046 | Han /Ruonan | 02/16/21 | 09/26/22 | 42,243 | 90,000 | 34,267 |
| | | 6945468 | C | P268001 | SUBCONTRACT NO. 1664286 | Palacios /Tomas | 06/01/21 | 05/31/22 | 89,662 | 85,742 | (3,920) |
| | | 6946637 | C | P061097 | RSA NO. 1670737 | Marzouk /Youssef M | 10/18/21 | 09/25/22 | 28,705 | 45,000 | 16,295 |
| | | 6946722 | C | P061096 | 1672484 | Linares /Richard | 12/06/21 | 09/25/22 | 21,552 | 42,000 | 20,448 |
| | | 6946817 | C | P068700 | CREI# 1672889 | Karaman /Sertac | 12/16/21 | 09/25/22 | 214,859 | 350,000 | 135,141 |
| | | 6946921 | C | P067952 | 1672592 | Williams /Brian C | 12/09/21 | 09/30/22 | 69,313 | 110,000 | 40,687 |
| | | 6947001 | C | P268001 | RSA NO. 1673868 | Han /Ruonan | 01/21/22 | 09/25/22 | 39,022 | 50,000 | 10,978 |
| | | 6947429 | C | P159400 | 1674445 | Dutkiewicz /Stephanie | 02/02/22 | 06/30/23 | 45,497 | 55,393 | 9,895 |
| | | 6947685 | C | P267100 | RSA 1670299 | Ketterle /Wolfgang | 10/05/21 | 09/30/22 | 0 | 40,000 | 40,000 |
| | 007641 University of Mi | 6941524 | C | P153000 | SUBK00011438/3005617618 | Weiss /Benjamin P | 06/01/19 | 11/24/24 | 31,663 | 244,434 | 61,972 |
| | **Total by Primary Sponsor** | | | | | | | | **1,508,568** | **11,739,631** | **644,072** |
| 000410 NASA - Marshall Space Flight Center | 000410 NASA - Marshall Space Flight Center | 6937922 | C | P159600 | 80MSFC17C0012 | Marshall /Herman | 09/05/17 | 11/30/22 | 158,431 | 927,618 | 90,631 |
| | | 6941693 | C | P066000 | 80MSFC19C0050 | Schuh /Christopher A | 09/20/19 | 09/19/22 | 262,213 | 825,000 | 45,331 |
| | 007360 Smithsonian Ins - Astrophysical Observatory | 6895250 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 07/31/22 | 0 | 0 | 0 |
| | | 6895251 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 07/31/22 | 143,025 | 2,607,627 | (39,247) |
| | | 6895252 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 07/31/22 | 880,639 | 21,077,025 | (501,248) |
| | | 6895253 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 05/31/20 | 0 | 2,070,302 | (0) |
| | | 6895254 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 07/31/22 | 1,338,411 | 24,794,082 | (713,092) |
| | | 6895255 | C | P159600 | SV3-73016 | Canizares /Claude R | 09/01/03 | 07/31/22 | 601,824 | 13,123,473 | (303,531) |
| | | 6926645 | C | P159600 | SV2-82023 | Ricker /George R | 10/01/12 | 08/31/22 | 153,662 | 3,115,000 | 1,257 |
| | | 6933495 | C | P159600 | GO5-16044X | Canizares /Claude R | 01/07/16 | 01/06/22 | 1,323 | 30,510 | (0) |
| | | 6934989 | C | P159600 | GO6-17134X | Schulz /Norbert S | 07/01/16 | 07/31/21 | (131) | 59,281 | (0) |
| | | 6937657 | C | P159600 | GO7-18012B | Canizares /Claude R | 11/13/17 | 12/13/22 | 7,727 | 15,066 | 2,272 |
| | | 6940085 | C | P159600 | GO8-19013X | Canizares /Claude R | 11/27/18 | 11/26/21 | (64) | 101,674 | 0 |
| | | 6940869 | C | P159600 | GO9-20019X | Guenther /Hans M | 02/25/19 | 02/24/23 | 25,907 | 33,550 | 7,643 |
| | | 6940907 | C | P159600 | GO9-20014X | Guenther /Hans M | 02/25/19 | 02/24/22 | 39,047 | 53,364 | 0 |
| | | 6942803 | C | P159600 | GO0-21011X | Guenther /Hans M | 01/14/20 | 01/13/23 | 21,468 | 31,344 | 9,876 |
| | | 6942805 | C | P159600 | GO0-21124A | McDonald /Michael A. | 01/09/20 | 01/08/23 | 12,797 | 54,997 | 29,207 |
| | | 6943392 | C | P159600 | GO0-21114A | McDonald /Michael A. | 05/24/20 | 07/31/22 | 1,927 | 31,705 | 29,778 |
| | | 6943511 | C | P159600 | GO9-20036X | Canizares /Claude R | 06/16/20 | 09/15/22 | 0 | 27,430 | 27,430 |
| | | 6943670 | C | P159600 | DD9-20115X | Masui /Kiyoshi | 04/07/20 | 07/06/21 | (439) | 23,472 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944495 | C | P159600 | GO0-21035X | Chakrabarty /Deepto | 11/03/20 | 11/02/22 | 29,030 | 29,460 | 430 |
| | | 6944741 | C | P159600 | DD0-21125X | Kara /Erin A | 11/20/20 | 11/19/22 | 0 | 25,903 | 25,903 |
| | | 6945069 | C | P159600 | DD0-21127X | Pasham /Dheeraj Ranga Reddy | 03/15/21 | 03/14/22 | 23,005 | 25,901 | (0) |
| | | 6945507 | C | P159600 | GO1-22046X | Chakrabarty /Deepto | 02/22/21 | 02/21/23 | 19,354 | 28,432 | 9,078 |
| | | 6945796 | C | P159600 | GO1-22033A | Schulz /Norbert S | 06/07/21 | 06/06/23 | 0 | 23,375 | 23,375 |
| | | 6945861 | C | P159600 | GO1-22116X | Kara /Erin A | 07/15/21 | 07/14/23 | 3,395 | 15,250 | 11,855 |
| | | 6946861 | C | P159600 | GO1-22060X | Masui /Kiyoshi | 12/14/21 | 12/13/23 | 14,206 | 22,557 | 8,351 |
| | | 6946874 | C | P159600 | GO1-22130A | McDonald /Michael A. | 02/09/21 | 02/08/23 | 0 | 36,126 | 36,126 |
| | | 6946875 | C | P159600 | GO1-22011X | Guenther /Hans M | 01/11/21 | 01/10/23 | 0 | 26,505 | 26,505 |
| | | 6946876 | C | P159600 | AR1-22003X | Canizares /Claude R | 01/11/21 | 01/10/23 | 0 | 34,999 | 34,999 |
| | | 6947195 | C | P159600 | GO2-23117X | McDonald /Michael A. | 02/01/22 | 01/31/24 | 0 | 35,004 | 35,004 |
| | | 6947263 | C | P159600 | AR2-23001X | Principe /David A | 03/01/22 | 02/29/24 | 0 | 27,497 | 27,497 |
| | 007615 University of Ari | 6924918 | C | P153000 | PURCHASE ORDER 6473 | Binzel /Richard P | 10/01/11 | 09/30/21 | 19,385 | 463,737 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,756,141** | **69,797,266** | **(1,074,570)** |
| 000411 NASA - Johnson Space Center | 005246 Baylor College of Medicine | 6936096 | C | P061094 | 7000000324 / TRISH PROJ# DS002 | Hoffman /Jeffrey A | 10/01/16 | 09/30/22 | 386,220 | 1,498,106 | (7,773) |
| | | 6936116 | C | P061094 | 7000000324 / TRISH PROJ# DS002 | Hoffman /Jeffrey A | 10/01/16 | 09/30/22 | 0 | 0 | 0 |
| | | 6941141 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Ito /Joichi | 04/01/19 | 12/31/19 | 0 | 349,817 | (0) |
| | | 6942902 | C | P402000 | PO#7000001107/NNX16A069A | Langer /Robert S | 04/01/20 | 03/31/21 | 0 | 440,965 | (0) |
| | | 6944316 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 09/30/21 | (976) | 203,117 | (0) |
| | | 6944538 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 06/30/21 | (3,343) | 75,900 | 0 |
| | | 6944539 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 06/30/21 | 0 | 15,179 | (0) |
| | | 6944540 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 06/30/21 | 0 | 28,056 | (0) |
| | | 6944541 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 06/30/21 | 0 | 22,482 | 0 |
| | | 6944542 | C | P039000 | 7000000324 / TRISH PROJ# DS002 | Paradiso /Joseph A | 10/01/20 | 06/30/21 | 0 | 5,266 | 0 |
| | | 6945247 | C | P402000 | PO#7000001107/NNX16A069A | Langer /Robert S | 04/01/21 | 03/31/22 | 359,637 | 359,035 | (602) |
| | 007641 University of Mi | 6943100 | C | P061097 | SUBK00012276 | Liu /Andrew Menching | 10/01/19 | 12/31/22 | 46,926 | 106,136 | (35,899) |
| | 102989 Center for the A | 6944595 | C | P039000 | GA-2020-1071 | Paradiso /Joseph A | 11/13/20 | 08/25/23 | 312 | 3,000 | 382 |
| | **Total by Primary Sponsor** | | | | | | | | **788,776** | **3,107,059** | **(43,892)** |
| 000413 NASA Shared Services Center | 000413 NASA Shared S | 6946189 | C | P267500 | 80NSSC21P2456 / PO#4200778315 | Bulovic /Vladimir | 09/13/21 | 10/31/21 | 131,806 | 131,806 | 0 |
| | 005165 Applied Physics | 6936841 | C | P159600 | SUBAWARD 141711 | Richardson /John D | 05/20/17 | 08/31/21 | 3,786 | 133,768 | (0) |
| | 005173 Arizona State U | 6937931 | C | P060600 | 18-391 | Palacios /Tomas | 09/28/17 | 03/31/22 | 25,949 | 367,053 | 0 |
| | 006151 Johns Hopkins I | 6941428 | C | P153000 | 157497 | Soderblom /Jason | 07/15/19 | 04/18/23 | 17,865 | 85,113 | 14,161 |
| | 007180 Purdue Universi | 6935856 | C | P153000 | 12000179-009 | Soderblom /Jason | 08/16/16 | 08/15/21 | 6,963 | 246,015 | (0) |
| | 007618 University of Co | 6947202 | C | P159600 | 1561997 | Principe /David A | 11/23/21 | 11/22/24 | 0 | 7,962 | 7,962 |
| | 007634 University of Ne | 6938280 | C | P401710 | 18-028 | Erickson /Philip J | 09/26/17 | 09/25/22 | 21,835 | 216,000 | 4,596 |
| | 007827 Woods Hole Oc | 6942473 | C | P153000 | A101469 | Marshall /John C | 08/02/19 | 08/01/22 | 196,742 | 551,330 | 190,582 |
| | 108693 University of Sc | 6946826 | C | P401710 | 121625 | Erickson /Philip J | 08/17/21 | 08/16/23 | 9,675 | 156,020 | 146,345 |
| | 108972 Navajo Technic | 6947227 | C | P039000 | SUBAWARD NTU-42535-01 | Wood /Danielle Renee | 09/01/21 | 08/31/22 | 4,605 | 49,999 | 45,394 |
| | **Total by Primary Sponsor** | | | | | | | | **419,227** | **1,945,067** | **409,040** |
| 000420 NASA - Goddard Space | 000420 NASA - Goddar Space Flight Center | 6926694 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 11/17/13 | 0 | 344,357 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Goddard Space Flight Center | Space Flight Center | 6927906 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 8,584,931 | 8,584,931 |
| | | 6928070 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 11/17/13 | 0 | 258,649 | (0) |
| | | 6928071 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 11/17/13 | 0 | 122,008 | 0 |
| | | 6928072 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 11/17/13 | 0 | 160,691 | (0) |
| | | 6928950 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 788,393 | 7,766,183 | (891,466) |
| | | 6928951 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 2,192,417 | (70) |
| | | 6928952 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 1,983,081 | 4,942,724 | (545,779) |
| | | 6928954 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 1,679,979 | 1,991,904 | (1,614,128) |
| | | 6928955 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 194,837 | 6,545 |
| | | 6928957 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 831,016 | 373,906 | (829,216) |
| | | 6928958 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 1,904,611 | 3,780 |
| | | 6928959 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 594,633 | 699,280 | (250,811) |
| | | 6928960 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 2,764,621 | 0 |
| | | 6928961 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 1,871,074 | 0 |
| | | 6928962 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/17 | 0 | 837,825 | 0 |
| | | 6928963 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 4,054,137 | 0 |
| | | 6928965 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 6,318,896 | (0) |
| | | 6928966 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 06/30/17 | 0 | 2,275,280 | 0 |
| | | 6928967 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 5,463,296 | (0) |
| | | 6928969 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 7,042,139 | (0) |
| | | 6928970 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 22,857 | 0 |
| | | 6928971 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 1,413,320 | 0 |
| | | 6928972 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 05/31/20 | 0 | 114,896 | (0) |
| | | 6928973 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 3,614,178 | 60 |
| | | 6928974 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 2,547,072 | 6,255,076 | (2,199,151) |
| | | 6928975 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/15/21 | 0 | 4,148,632 | 0 |
| | | 6928977 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 3,570,352 | (0) |
| | | 6928978 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 07/31/22 | 0 | 899,577 | 0 |
| | | 6928979 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 02/28/21 | 0 | 1,058,267 | 0 |
| | | 6928981 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 2,194,552 | (0) |
| | | 6928982 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 09/14/20 | 0 | 1,217,803 | 0 |
| | | 6928983 | C | P159600 | NNG14FC03C | Ricker /George R | 07/10/17 | 07/31/22 | 216,899 | 1,022,337 | (222,476) |
| | | 6928984 | C | P159600 | NNG14FC03C | Ricker /George R | 05/01/17 | 02/28/21 | 0 | 432,470 | 0 |
| | | 6931598 | C | P159600 | NNG14FC03C | Ricker /George R | 02/01/15 | 09/14/20 | 0 | 151,164 | 0 |
| | | 6931899 | C | P159600 | NNX15AF85G | Zuber /Maria | 02/01/15 | 04/30/21 | 390 | 2,856,933 | 0 |
| | | 6932218 | C | P153000 | NNX15AL48G | Soderblom /Jason | 05/20/15 | 05/19/22 | 9,354 | 434,593 | 3,505 |
| | | 6933470 | C | P159400 | NNX16AC98G | Prinn /Ronald G | 02/01/16 | 01/31/23 | 772,327 | 6,025,983 | 319,805 |
| | | 6935017 | C | P159600 | NNG14FC03C | Ricker /George R | 05/22/13 | 11/30/16 | 0 | 1,275,344 | 0 |
| | | 6935310 | C | P401710 | NNH17CH01C | Hecht /Michael | 11/01/15 | 10/31/22 | (314) | 1,190,998 | 31,307 |
| | | 6935647 | C | P401710 | NNH17CH01C | Hecht /Michael | 11/01/15 | 08/31/20 | 0 | 17,218 | 0 |
| | | 6935648 | C | P401710 | NNH17CH01C | Hecht /Michael | 11/01/15 | 08/31/20 | 0 | 87,533 | 0 |
| | | 6935649 | C | P061094 | NNH17CH01C | Hoffman /Jeffrey A | 11/01/15 | 08/31/20 | 0 | 726,474 | (0) |
| | | 6935650 | C | P068000 | NNH17CH01C | Yildiz /Bilge | 11/01/15 | 09/30/19 | 0 | 81,947 | (0) |
| | | 6935718 | C | P401710 | NNH17CH01C | Hecht /Michael | 11/01/15 | 08/31/20 | 0 | 271,374 | (0) |
| | | 6937342 | C | P159400 | 80NSSC17K0561 | Dutkiewicz /Stephanie | 11/01/17 | 10/31/21 | 8,904 | 1,160,622 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937348 | C | P153000 | 80NSSC17K0773 | Grove /Timothy L | 09/28/17 | 09/27/21 | 8,989 | 405,126 | 0 |
| | | 6937853 | C | P401710 | NNH17CH01C | Hecht /Michael | 11/01/17 | 08/31/20 | 0 | 13,813 | 0 |
| | | 6938100 | C | P153000 | 80NSSC18K0457 | Herring /Thomas A | 01/24/18 | 01/23/23 | 112,221 | 655,000 | 43,125 |
| | | 6938351 | C | P153000 | 80NSSC18K0553 | Smith /David E. | 03/01/18 | 03/31/23 | 51,350 | 162,411 | 80,803 |
| | | 6938432 | C | P153000 | 80NSSC18K0682 | Smith /David E. | 04/01/18 | 03/31/23 | 28,291 | 100,000 | 63,125 |
| | | 6938929 | C | P153000 | 80NSSC18K0849 | DeMeo /Francesca E | 07/01/18 | 04/30/22 | 74,363 | 605,583 | (28) |
| | | 6939050 | C | P159600 | 80NSSC18K1091 | Hughes /Scott A | 04/02/18 | 06/30/22 | 110,099 | 422,855 | 1,089 |
| | | 6939248 | C | P153000 | 80NSSC18K1057 | Perron /Jay Taylor | 06/11/18 | 06/10/23 | 173,087 | 460,704 | 28,422 |
| | | 6939272 | C | P153000 | 80NSSC18K1004 | DeMeo /Francesca E | 06/05/18 | 06/04/22 | 59,003 | 207,904 | (55) |
| | | 6939650 | C | P159600 | 80NSSC18K1608 | Canizares /Claude R | 10/01/18 | 09/30/22 | 0 | 58,302 | 21,028 |
| | | 6939651 | C | P159600 | 80NSSC18K1643 | Richardson /John D | 08/27/18 | 03/31/23 | 20,887 | 93,361 | 8,994 |
| | | 6939653 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 149,634 | 594,822 | 2,199 |
| | | 6939854 | C | P061097 | 80NSSC18K1677 | Cahoy /Kerri | 12/01/18 | 02/28/23 | 78,257 | 208,899 | 2,149 |
| | | 6939855 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 0 | 24,499 | 0 |
| | | 6939856 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 20,464 | 66,654 | 5,358 |
| | | 6939857 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 211,553 | 1,274,389 | (1,866) |
| | | 6940013 | C | P401710 | 80NSSC19K0078 | Coster /Anthea J | 10/26/18 | 10/25/22 | 121,862 | 696,030 | 106,333 |
| | | 6940064 | C | P061090 | 80NSSC19K0211 | Lozano /Paulo C | 01/14/19 | 01/13/23 | 145,579 | 500,000 | 27,507 |
| | | 6940122 | C | P039000 | 80NSSC19K0205 | Wood /Danielle Renee | 11/21/18 | 11/20/22 | 157,278 | 860,822 | 238,564 |
| | | 6940205 | C | P401710 | NNH17CH01C | Hecht /Michael | 10/01/18 | 08/31/20 | 0 | 44,827 | (0) |
| | | 6940302 | C | P401710 | 80NSSC19K0262 | Goncharenko /Larisa | 03/01/19 | 02/28/23 | 30,728 | 188,636 | 13,130 |
| | | 6940313 | C | P061097 | 80NSSC19K0217 | Cahoy /Kerri | 01/14/19 | 08/31/22 | 71,803 | 470,000 | (16,736) |
| | | 6940345 | C | P401710 | 80NSSC19K0262 | Goncharenko /Larisa | 03/01/19 | 02/28/23 | 91,424 | 334,779 | 87,853 |
| | | 6940378 | C | P153000 | 80NSSC19K0465 | Summons /Roger E | 02/13/19 | 02/12/23 | 101,305 | 471,479 | 20,412 |
| | | 6940409 | C | P153000 | 80NSSC19K0464 | Bergmann /Kristin | 02/13/19 | 02/12/23 | 71,373 | 403,448 | 98,992 |
| | | 6940416 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 0 | 58,097 | (0) |
| | | 6940417 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 0 | 100,197 | 0 |
| | | 6940418 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 12/01/18 | 02/28/23 | 0 | 126,869 | 0 |
| | | 6940536 | C | P153000 | 80NSSC19K0471 | Seager /Sara | 01/01/22 | 02/12/23 | 147,199 | 531,031 | 6,713 |
| | | 6940573 | C | P061097 | 80NSSC19K0217 | Cahoy /Kerri | 02/01/19 | 08/31/22 | 4,025 | 30,000 | 18,672 |
| | | 6940783 | C | P401710 | NNH17CH01C | Hecht /Michael | 05/01/19 | 08/31/20 | 0 | 48,016 | 0 |
| | | 6941063 | C | P061094 | 80NSSC19K0943 | Barrett /Steven R. H. | 04/29/19 | 04/28/23 | 186,528 | 499,950 | 20,084 |
| | | 6941067 | C | P159600 | 80NSSC19K0335 | Schattenburg /Mark L | 04/08/19 | 04/07/22 | 698,012 | 2,613,553 | (495) |
| | | 6941154 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/23 | 357,615 | 1,223,389 | 161,454 |
| | | 6941181 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/22 | 0 | 9,942 | (0) |
| | | 6941182 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/22 | 0 | 44,642 | 0 |
| | | 6941183 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/22 | 0 | 119,549 | 0 |
| | | 6941186 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/22 | 0 | 63,718 | 0 |
| | | 6941187 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/19 | 02/28/23 | 54,855 | 518,765 | 249,678 |
| | | 6941188 | C | P061097 | 80NSSC19K0617 | Cahoy /Kerri | 03/01/19 | 02/28/23 | 42,819 | 160,192 | 42 |
| | | 6941320 | C | P401710 | 80NSSC19K0834 | Goncharenko /Larisa | 04/15/19 | 04/14/23 | 83,958 | 252,754 | 19,810 |
| | | 6941364 | C | P401710 | 80NSSC19K0834 | Goncharenko /Larisa | 04/15/19 | 04/14/23 | 129,411 | 247,499 | 73,472 |
| | | 6941365 | C | P401710 | 80NSSC19K0834 | Goncharenko /Larisa | 04/15/19 | 04/14/23 | 95,549 | 247,328 | 94,993 |
| | | 6941577 | C | P153000 | 80NSSC19K1277 | Smith /David E. | 06/14/19 | 06/13/23 | 36,887 | 138,441 | 88,465 |
| | | 6941585 | C | P159600 | 80NSSC19K1448 | Chakrabarty /Deepto | 07/30/19 | 07/29/21 | 198 | 41,522 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941601 | C | P159600 | 80NSSC19K1287 | Remillard /Ronald A | 11/27/19 | 11/26/22 | 359,906 | 1,196,283 | 102,768 |
| | | 6942146 | C | P159600 | 80NSSC20K0037 | Canizares /Claude R | 10/01/19 | 09/30/22 | 30,105 | 62,085 | 3,591 |
| | | 6942209 | C | P153000 | 80NSSC20K0234 | Bosak /Tanja | 11/05/19 | 11/04/23 | 254,284 | 446,057 | 117,228 |
| | | 6942351 | C | P153000 | 80NSSC20K0238 | Weiss /Benjamin P | 11/05/19 | 11/04/23 | 162,770 | 306,332 | 143,438 |
| | | 6942451 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 01/01/20 | 11/30/22 | 11,212 | 43,360 | 0 |
| | | 6942456 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 01/01/20 | 02/28/23 | 15,142 | 73,600 | 22,953 |
| | | 6942568 | C | P061096 | 80NSSC20K0400 | Masterson /Rebecca A | 01/01/20 | 06/30/22 | 136,231 | 440,165 | 122,269 |
| | | 6942731 | C | P153000 | 80NSSC20K0382 | Soderblom /Jason | 02/01/20 | 01/31/23 | 160,391 | 673,824 | 327,006 |
| | | 6942839 | C | P159600 | 80NSSC20K0470 | Kara /Erin A | 09/17/19 | 12/16/21 | (108) | 100,000 | 0 |
| | | 6942955 | C | P153000 | 80NSSC20K0484 | Perron /Jay Taylor | 02/01/20 | 01/31/23 | 177,151 | 397,337 | 128,697 |
| | | 6943006 | C | P159600 | 80NSSC20K0499 | Vogelsberger /Mark | 01/07/20 | 01/06/23 | 139,433 | 308,197 | 147,713 |
| | | 6943007 | C | P159600 | 80NSSC20K0802 | Kara /Erin A | 03/06/20 | 03/05/23 | 46,659 | 82,909 | 27,292 |
| | | 6943009 | C | P159600 | 80NSSC20K1012 | Heine /Sarah Nicole Trowbridge | 03/20/20 | 03/19/23 | 107,439 | 421,109 | 198,782 |
| | | 6943011 | C | P159600 | 80NSSC20K0851 | Pasham /Dheeraj Ranga Reddy | 03/25/20 | 03/24/23 | 3,396 | 30,996 | 10,897 |
| | | 6943068 | C | P159600 | 80NSSC20K0575 | Kara /Erin A | 07/02/19 | 01/26/22 | (1,831) | 87,924 | (0) |
| | | 6943197 | C | P061096 | 80NSSC18K1677 | Masterson /Rebecca A | 01/01/20 | 02/28/23 | 239,170 | 448,063 | 26,417 |
| | | 6943203 | C | P061096 | 80NSSC19K0617 | Masterson /Rebecca A | 01/01/20 | 02/28/23 | 7,345 | 185,236 | (0) |
| | | 6943257 | C | P159600 | 80NSSC20K0401 | Bautz /Marshall W | 01/01/20 | 12/31/22 | 500,368 | 1,134,228 | 358,043 |
| | | 6943291 | C | P401710 | 80NSSC18K1677 | Erickson /Philip J | 05/01/20 | 02/28/22 | 0 | 21,925 | 0 |
| | | 6943312 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 05/01/20 | 02/28/22 | 0 | 22,078 | 0 |
| | | 6943340 | C | P159600 | 80NSSC20K0737 | Miller /Eric D | 02/14/20 | 02/13/23 | 156,254 | 499,997 | 169,979 |
| | | 6943396 | C | P159600 | 80NSSC20K0907 | Schattenburg /Mark L | 04/02/20 | 04/02/23 | 819,356 | 2,600,000 | 1,153,790 |
| | | 6943494 | C | P159600 | 80NSSC20K1085 | Kara /Erin A | 06/19/20 | 06/18/22 | (1,149) | 69,442 | (103) |
| | | 6943496 | C | P401710 | 80GSFC20C0078 | Elosegui /Pedro | 06/22/20 | 06/21/23 | 1,529,690 | 3,347,078 | 545,271 |
| | | 6943543 | C | P153000 | 80NSSC20K1157 | Marshall /John C | 06/11/20 | 06/10/24 | (6,620) | 263,876 | 203,148 |
| | | 6943561 | C | P153000 | 80NSSC20K1248 | Seager /Sara | 07/27/20 | 09/30/21 | 11,075 | 24,866 | 0 |
| | | 6943569 | C | P159600 | 80NSSC20K1249 | Marshall /Herman | 06/25/20 | 06/24/22 | 39,380 | 104,839 | 23,968 |
| | | 6943662 | C | P153000 | 80NSSC20K1366 | Weiss /Benjamin P | 09/01/20 | 08/31/23 | 0 | 90,000 | 90,000 |
| | | 6943718 | C | P401710 | 80NSSC20K1248 | Knapp /Mary Elizabeth | 07/27/20 | 07/26/21 | 5,117 | 24,925 | 0 |
| | | 6943955 | C | P401710 | NNH17CH01C | Hecht /Michael | 08/17/20 | 10/31/22 | 676,192 | 1,331,342 | 85,860 |
| | | 6944089 | C | P061096 | 80NSSC20K1019 | Linares /Richard | 06/01/20 | 05/31/21 | (2,405) | 98,712 | (0) |
| | | 6944100 | C | P153000 | 80NSSC20K1417 | Soderblom /Jason | 09/01/20 | 08/31/22 | 132,976 | 369,428 | 157,279 |
| | | 6944111 | C | P153000 | 80NSSC20K1846 | Smith /David E. | 07/01/20 | 09/30/22 | 105,265 | 401,432 | 166,917 |
| | | 6944136 | C | P159600 | 80NSSC20K1584 | Canizares /Claude R | 01/01/21 | 12/31/22 | 25,409 | 64,997 | 36,120 |
| | | 6944207 | C | P401710 | 80NSSC20K1785 | Coster /Anthea J | 09/08/20 | 09/07/24 | 73,575 | 190,671 | 83,861 |
| | | 6944208 | C | P063007 | 80NSSC20K1092 | Bourouiba /Lydia | 01/01/21 | 12/31/23 | 330,176 | 674,065 | 343,889 |
| | | 6944237 | C | P401710 | 80NSSC20K1785 | Coster /Anthea J | 09/08/20 | 09/07/24 | 154 | 192,571 | 192,417 |
| | | 6944238 | C | P401710 | 80NSSC20K1785 | Coster /Anthea J | 09/08/20 | 09/07/24 | 37,933 | 85,856 | 42,163 |
| | | 6944294 | C | P153000 | 80NSSC21K0154 | Weiss /Benjamin P | 10/26/20 | 10/25/23 | 178,492 | 291,078 | 72,063 |
| | | 6944295 | C | P159600 | 80NSSC21K0044 | Canizares /Claude R | 09/14/20 | 09/13/22 | 0 | 59,486 | 59,486 |
| | | 6944308 | C | P061094 | NNH17CH01C | Hoffman /Jeffrey A | 08/17/20 | 10/31/22 | 444,031 | 858,325 | 186,286 |
| | | 6944309 | C | P401710 | NNH17CH01C | Hecht /Michael | 08/17/20 | 10/31/22 | 0 | 51,431 | 51,431 |
| | | 6944310 | C | P401710 | NNH17CH01C | Hecht /Michael | 08/17/20 | 10/31/22 | 58,816 | 125,532 | 29,051 |
| | | 6944311 | C | P401710 | NNH17CH01C | Hecht /Michael | 08/17/20 | 10/31/22 | 36,058 | 56,497 | 3,259 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944312 | C | P401710 | NNH17CH01C | Hecht /Michael | 08/17/20 | 10/31/22 | 77,473 | 116,843 | (2,915) |
| | | 6944337 | C | P159600 | 80NSSC21K0090 | Seager /Sara | 10/08/20 | 10/07/21 | 3,626 | 9,755 | 0 |
| | | 6944368 | C | P159600 | 80NSSC21K0108 | Seager /Sara | 10/08/20 | 09/30/21 | 25,391 | 73,341 | 0 |
| | | 6944386 | C | P152000 | 80NSSC21P0025 | Bawendi /Moungi G | 10/15/20 | 10/14/21 | 49,182 | 139,999 | (0) |
| | | 6944424 | C | P159600 | 80NSSC21K0133 | Canizares /Claude R | 01/01/21 | 12/31/22 | 3,683 | 20,073 | 16,390 |
| | | 6944427 | C | P243020 | 80NSSC20K1510 | Gomes Loureiro /Nuno F | 09/01/20 | 08/31/22 | 0 | 0 | 0 |
| | | 6944487 | C | P039000 | 80NSSC21M0012 | Zuber /Maria | 11/01/20 | 10/31/25 | 311,676 | 643,691 | 185,001 |
| | | 6944597 | C | P159600 | 80NSSC21K0216 | Remillard /Ronald A | 01/01/21 | 12/31/21 | 20,106 | 20,106 | (0) |
| | | 6944745 | C | P061093 | 80NSSC21K0219 | de Weck /Olivier L | 01/11/21 | 01/10/24 | 200,346 | 427,256 | 158,425 |
| | | 6944775 | C | P159600 | 80NSSC20K1084 | Kara /Erin A | 06/10/20 | 06/09/22 | 46,617 | 56,117 | 3,181 |
| | | 6944826 | C | P243020 | 80NSSC21K0221 | Brisson /John G | 01/11/21 | 01/10/24 | 116,066 | 451,215 | 335,149 |
| | | 6944827 | C | P159600 | 80NSSC21K0102 | Pasham /Dheeraj Ranga Reddy | 01/01/21 | 12/31/21 | 13,151 | 20,397 | (0) |
| | | 6944895 | C | P153000 | 80NSSC21K0154 | Weiss /Benjamin P | 10/26/20 | 10/25/23 | 0 | 56,513 | 56,513 |
| | | 6945063 | C | P159600 | 80NSSC21K0661 | Kara /Erin A | 02/23/21 | 02/22/22 | 20,353 | 20,353 | 0 |
| | | 6945064 | C | P153000 | 80NSSC21K0557 | Marshall /John C | 02/05/21 | 02/04/24 | 197,955 | 200,152 | (63,292) |
| | | 6945114 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 03/01/21 | 02/28/23 | 38,717 | 211,436 | 143,118 |
| | | 6945166 | C | P159600 | 80NSSC21K0660 | Kara /Erin A | 02/23/21 | 02/22/22 | 14,368 | 20,165 | (0) |
| | | 6945281 | C | P159600 | 80NSSC21K0872 | Kara /Erin A | 04/02/21 | 04/01/23 | 69,214 | 77,623 | 8,409 |
| | | 6945376 | C | P159600 | 80NSSC21K0871 | Kara /Erin A | 04/07/21 | 04/06/23 | 14,250 | 99,684 | 85,434 |
| | | 6945402 | C | P159600 | 80NSSC21K0849 | Guenther /Hans M | 04/02/21 | 04/01/23 | 17,407 | 80,391 | 62,984 |
| | | 6945408 | C | P159600 | 80NSSC21K0354 | Shporer /Abraham-Avi | 12/08/20 | 12/07/22 | 39,124 | 49,993 | 7,988 |
| | | 6945412 | C | P159600 | 80NSSC21K0550 | Shoemaker /David H | 02/01/21 | 01/31/23 | 141,915 | 160,461 | (23,148) |
| | | 6945497 | C | P159600 | 80NSSC20K0733 | Kara /Erin A | 09/23/20 | 09/22/24 | 16,006 | 42,519 | 10,952 |
| | | 6945562 | C | P159600 | 80NSSC21K0835 | Pasham /Dheeraj Ranga Reddy | 03/31/21 | 03/30/23 | 12,715 | 67,739 | 55,024 |
| | | 6945601 | C | P153000 | 80NSSC21K0874 | Frank /William B | 04/12/21 | 04/11/24 | 194,680 | 364,345 | 169,665 |
| | | 6945775 | C | P153000 | 80NSSC21K1304 | Marshall /John C | 04/01/21 | 03/31/25 | 305,861 | 382,386 | 76,524 |
| | | 6945878 | C | P153000 | 80NSSC21K1802 | Wisdom /Jack | 08/01/21 | 07/31/22 | 139,053 | 207,491 | 68,438 |
| | | 6946040 | C | P401710 | 80NSSC21K1310 | Zhang /Shun-Rong | 08/01/21 | 07/31/25 | 145,215 | 310,661 | 165,446 |
| | | 6946113 | C | P159600 | 80NSSC21K1842 | McDonald /Michael A. | 09/01/21 | 08/31/23 | 0 | 0 | 0 |
| | | 6946123 | C | P159600 | 80NSSC21K1484 | Canizares /Claude R | 07/09/21 | 07/08/23 | 0 | 36,613 | 36,613 |
| | | 6946278 | C | P159600 | 80NSSC21K1903 | Guenther /Hans M | 10/01/21 | 09/30/22 | 0 | 41,608 | 41,608 |
| | | 6946280 | C | P159400 | 80NSSC21K1369 | Prinn /Ronald G | 06/16/21 | 06/15/26 | 95,558 | 1,479,291 | 1,383,733 |
| | | 6946370 | C | P401710 | 80NSSC21K1775 | Zhang /Shun-Rong | 11/01/21 | 10/31/22 | 44,314 | 165,115 | 120,801 |
| | | 6946427 | C | P159600 | 80NSSC22K0001 | Kara /Erin A | 09/02/21 | 09/01/22 | 0 | 76,681 | 76,681 |
| | | 6946443 | C | P153000 | 80NSSC20K0238 | Weiss /Benjamin P | 11/05/19 | 11/04/23 | 25,055 | 75,000 | 49,945 |
| | | 6946548 | C | P159600 | 80NSSC22K0179 | Pasham /Dheeraj Ranga Reddy | 10/01/21 | 09/30/22 | 8,987 | 69,998 | 61,011 |
| | | 6946549 | C | P153000 | 80NSSC22K0105 | Oran /Rona | 12/01/21 | 11/30/24 | 5,878 | 129,604 | 123,726 |
| | | 6946650 | C | P159600 | 80NSSC22K0090 | Pasham /Dheeraj Ranga Reddy | 10/01/21 | 09/30/22 | 26,184 | 39,793 | 13,609 |
| | | 6946656 | C | P401710 | 80NSSC19K0617 | Lind /Frank David | 11/15/21 | 02/28/23 | 43,183 | 88,564 | 45,381 |
| | | 6946667 | C | P159400 | 80NSSC22K0153 | Dutkiewicz /Stephanie | 10/20/21 | 10/19/24 | 61,832 | 94,018 | 32,186 |
| | | 6946725 | C | P401710 | 80NSSC22K0171 | Coster /Anthea J | 01/01/22 | 12/31/24 | 12,526 | 279,141 | 266,615 |
| | | 6946731 | C | P159600 | 80NSSC22K0119 | Shporer /Abraham-Avi | 10/05/21 | 10/04/22 | 0 | 49,996 | 49,996 |
| | | 6946997 | C | P153000 | 80NSSC21K1619 | Minchew /Brent Morton | 09/01/21 | 08/31/24 | 0 | 0 | 0 |
| | | 6947094 | C | P401710 | NNH17CH01C | Hecht /Michael | 09/01/20 | 12/31/22 | 49,514 | 133,030 | 83,516 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947116 | C | P153000 | 80NSSC22K0459 | Frank /William B | 02/01/22 | 01/31/25 | 35,006 | 178,184 | 143,178 |
| | | 6947157 | C | P159600 | 80NSSC22K0570 | Kara /Erin A | 06/01/22 | 05/31/23 | 0 | 103,310 | 103,310 |
| | | 6947167 | C | P159600 | 80NSSC20K0401 | Bautz /Marshall W | 01/01/20 | 12/31/22 | 14,772 | 14,772 | 0 |
| | | 6947441 | C | P153000 | 80NSSC22K0836 | Perron /Jay Taylor | 08/01/22 | 07/31/25 | 0 | 140,242 | 140,242 |
| | | 6947532 | C | P152000 | 80NSSC22PA615 | Bawendi /Moungi G | 04/28/22 | 04/28/23 | 21,169 | 150,000 | 128,831 |
| | | 6947565 | C | P153000 | 80NSSC20K0234 | Bosak /Tanja | 11/05/19 | 11/04/23 | 0 | 20,000 | 20,000 |
| | | 6947594 | C | P153000 | 80NSSC22K0759 | Seager /Sara | 04/01/22 | 12/31/22 | 0 | 174,244 | 174,244 |
| | | 6947659 | C | P159600 | 80NSSC22K0959 | Kara /Erin A | 04/21/22 | 04/20/23 | 0 | 37,499 | 37,499 |
| | | 6947669 | C | P159600 | 80NSSC22K0961 | Pasham /Dheeraj Ranga Reddy | 01/21/22 | 04/20/23 | 18,513 | 37,474 | 18,961 |
| | | 6947814 | C | P159600 | 80NSSC22K0164 | Ricker /George R | 10/05/21 | 10/04/22 | 3,918 | 69,970 | 66,052 |
| | | 6947855 | C | P061094 | 80NSSC22K0760 | Barrett /Steven R. H. | 05/01/22 | 04/30/23 | 0 | 175,000 | 175,000 |
| | | 6947862 | C | P401710 | 80NSSC22K1013 | Erickson /Philip J | 06/01/22 | 05/31/26 | 0 | 201,173 | 201,173 |
| | 005408 California Institu | 6945482 | C | P159600 | S504499 | Kara /Erin A | 10/01/20 | 05/12/23 | 192,892 | 200,000 | 4,953 |
| | 005410 CalTech - Jet P | 6943975 | C | P153000 | RSA NO. - 1654803 | Hill /Christopher N | 08/19/20 | 08/18/21 | 4,650 | 68,526 | 35,759 |
| | 007070 Pennsylvania St | 6945150 | C | P159600 | S001534-NASA | Bautz /Marshall W | 11/12/20 | 11/11/22 | 249,856 | 306,875 | 41,759 |
| | 007150 Princeton University | 6943298 | C | P159600 | SUB0000318 | Richardson /John D | 01/01/20 | 07/31/22 | 2,988 | 69,621 | 50,487 |
| | | 6946754 | C | P159600 | SUB0000318 | Richardson /John D | 08/01/21 | 07/31/22 | 9,503 | 18,261 | 8,758 |
| | 007360 Smithsonian Ins - Astrophysical Observatory | 6943184 | C | P159600 | SV0-09008 | Schattenburg /Mark L | 02/25/20 | 09/24/22 | 109,105 | 170,035 | 60,930 |
| | | 6944428 | C | P159600 | SV0-09018 | Marshall /Herman | 08/01/20 | 07/31/22 | 16,218 | 90,369 | 71,216 |
| | 007362 Space Telescope Science Institute | 6935185 | C | P159600 | HST-GO-14698.002-A | Guenther /Hans M | 12/01/16 | 11/30/21 | 2,544 | 30,790 | (0) |
| | | 6935583 | C | P159600 | HST-GO-14766.004-A | Frebel /Anna L. | 12/01/16 | 11/30/23 | 0 | 1,222 | 1,222 |
| | | 6937649 | C | P153000 | HST-GO-15304-001-A | de Wit /Julien | 11/01/17 | 01/31/23 | 100,184 | 404,633 | 26,460 |
| | | 6937777 | C | P159600 | HST-GO-15129.010-A | Burke /Christopher J | 12/01/17 | 11/30/21 | 64,711 | 97,561 | 0 |
| | | 6937960 | C | P159600 | HST-GO-14690.001-A | Guenther /Hans M | 06/01/17 | 05/31/21 | (34) | 47,079 | 0 |
| | | 6938678 | C | P159600 | HST-GO-15307.008-A | McDonald /Michael A. | 12/01/17 | 11/30/21 | (3,965) | 144,994 | (0) |
| | | 6938815 | C | P159600 | HST-GO-15085.001-A | Simcoe /Robert A | 06/01/18 | 05/31/23 | 30,461 | 249,409 | 47,944 |
| | | 6938918 | C | P159600 | HST-GO-15163.011-A | Simcoe /Robert A | 04/01/18 | 03/31/23 | 95,834 | 197,780 | 28,334 |
| | | 6940222 | C | P159600 | HST-GO-15204.001-A | Guenther /Hans M | 01/01/19 | 02/28/23 | 65,466 | 70,620 | (1,697) |
| | | 6940574 | C | P401710 | HST-GO-15641.014-A | Matthews /Lynn D. | 03/01/19 | 11/30/23 | 11,096 | 45,267 | (399) |
| | | 6941622 | C | P159600 | HST-GO-15661.001-A | McDonald /Michael A. | 05/01/19 | 04/30/23 | 38,698 | 128,700 | 17,184 |
| | | 6942525 | C | P159600 | HST-GO-15657.003-A | Frebel /Anna L. | 10/01/19 | 09/30/22 | 36,087 | 24,974 | (11,113) |
| | | 6942562 | C | P159600 | HST-GO-15210.002-A | Guenther /Hans M | 05/01/19 | 04/30/22 | 4,871 | 10,492 | (0) |
| | | 6942589 | C | P159600 | HST-GO-15814.001-A | Crossfield /Ian Jm | 02/01/20 | 10/01/21 | 3,665 | 28,846 | 0 |
| | | 6942853 | C | P159600 | HST-GO-16001.002-A | McDonald /Michael A. | 03/01/20 | 02/28/23 | (8,752) | 44,530 | (1,256) |
| | | 6943289 | C | P159600 | HST-GO-15888.001-A | Guenther /Hans M | 03/01/20 | 03/31/24 | 67,988 | 79,366 | 11,378 |
| | | 6943507 | C | P159600 | HST-GO-15861.005-A | Guenther /Hans M | 12/01/19 | 11/30/22 | 0 | 13,700 | 13,700 |
| | | 6943508 | C | P159600 | HST-GO-15951.003-A | Frebel /Anna L. | 01/01/20 | 12/31/22 | 14,118 | 21,487 | 7,369 |
| | | 6943671 | C | P159600 | HST-GO-16072.002-A | Masui /Kiyoshi | 07/01/20 | 06/30/23 | 16,752 | 18,668 | 254 |
| | | 6943867 | C | P159600 | HST-GO-15333.019-A | Seager /Sara | 08/01/20 | 08/31/22 | 33,579 | 140,071 | 0 |
| | | 6944403 | C | P153000 | HST-GO-16167.002-A | Marsset /Michael Pierre Guy | 11/01/20 | 10/31/23 | 9,846 | 9,784 | (62) |
| | | 6946900 | C | P159600 | HST-GO-16756.001-A | Simcoe /Robert A | 01/01/22 | 12/31/24 | 0 | 23,105 | 23,105 |
| | | 6947220 | C | P401710 | HST-GO-16655.008-A | Matthews /Lynn D. | 02/01/22 | 01/31/25 | 1,169 | 13,152 | 11,983 |
| | | 6947733 | C | P159600 | HST-GO-16689.001-A | Simcoe /Robert A | 06/01/22 | 05/31/25 | 0 | 11,982 | 11,982 |
| | | 6947738 | C | P159600 | HST-GO-16664.002-A | Masui /Kiyoshi | 05/01/22 | 04/30/25 | 0 | 10,478 | 10,478 |
| | 007372 Southwest Rese | 6939450 | C | P153000 | L99059JRG | Soderblom /Jason | 07/01/18 | 04/01/23 | 15,030 | 249,932 | 2,639 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007380 Stanford University | 6934882 | C | P061097 | 61238711-122362 | Cahoy /Kerri | 05/20/16 | 10/28/21 | 38,784 | 313,927 | 0 |
| | | 6942497 | C | P159600 | 62205664-136106 | Bautz /Marshall W | 03/01/19 | 02/28/23 | 43,154 | 200,668 | 6,867 |
| | | 6945994 | C | P159600 | 62652749-194612 | McDonald /Michael A. | 03/12/21 | 03/11/23 | 0 | 52,787 | 52,787 |
| | | 6947193 | C | P159600 | 62785990-214339 | Bautz /Marshall W | 12/15/21 | 12/14/22 | 0 | 75,550 | 75,550 |
| | 007676 University of Ca | 6946134 | C | P153000 | 00010809 | Biersteker /John B. | 07/15/21 | 11/14/22 | 7,401 | 7,783 | 382 |
| | 010143 Trustees of Bos | 6944275 | C | P159600 | 4500003542 | Richardson /John D | 03/29/20 | 05/07/23 | 58,630 | 124,976 | 37,205 |
| | 010684 ProtoInnovation | 6944211 | C | P065004 | AGMT DTD 10/01/2020 | Kamrin /Kenneth N | 09/01/20 | 08/31/22 | 413,858 | 1,326,289 | 767,410 |
| | 102502 Cross Trac Eng | 6940038 | C | P061097 | AGMT DTD 10/19/18 | Cahoy /Kerri | 10/19/18 | 03/21/21 | (21) | 299,963 | 0 |
| | 105693 Applied NanoFe | 6946300 | C | P417500 | AGMT DTD 9/14/2021 | Agarwal /Anuradha | 09/01/21 | 08/31/23 | 134,756 | 376,227 | 241,471 |
| | 106551 Lunar Resource | 6945609 | C | P066000 | AWARD EFFECTIVE 09/01/2020 | Allanore /Antoine | 09/01/20 | 02/28/21 | (0) | 37,479 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **24,738,859** | **149,415,199** | **16,161,587** |
| 000430 NASA - Ames Research Center | 000430 NASA - Ames Research Center | 6938442 | C | P061097 | 80NSSC18M0042 | Cahoy /Kerri | 05/01/18 | 04/30/22 | 19,033 | 399,874 | 0 |
| | | 6939661 | C | P061097 | 80NSSC18K1579 | Cahoy /Kerri | 08/17/18 | 09/30/23 | 372,865 | 1,293,778 | 245,433 |
| | | 6941940 | C | P061097 | 80NSSC19M0224 | Cahoy /Kerri | 08/28/19 | 02/28/21 | (2,019) | 77,945 | 0 |
| | | 6941973 | C | P061093 | 80NSSC19K1607 | Balakrishnan /Hamsa | 09/01/19 | 08/31/21 | 6,405 | 103,430 | 0 |
| | | 6942996 | C | P061098 | 80NSSC20M0071 | Newman /Dava J | 02/01/20 | 01/31/23 | 196,682 | 600,988 | 155,328 |
| | | 6943821 | C | P061097 | 80NSSC18K1579 | Cahoy /Kerri | 08/17/18 | 09/30/23 | 89,662 | 114,220 | (133,023) |
| | | 6945110 | C | P065005 | 80NSSC21M0114 | Wierzbicki /Tomasz | 02/19/21 | 02/18/24 | 108,591 | 148,290 | 39,699 |
| | | 6945554 | C | P267200 | 80NSSC21M0108 | Shao-Horn /Yang | 05/01/21 | 04/30/24 | 81,075 | 430,000 | 348,925 |
| | | 6945694 | C | P067952 | 80NSSC21M0181 | Demaine /Erik D | 06/01/21 | 05/31/22 | 73,206 | 75,000 | 1,794 |
| | | 6947226 | C | P061093 | 80NSSC22K0794 | Balakrishnan /Hamsa | 03/03/22 | 03/02/23 | 0 | 50,000 | 50,000 |
| | 004657 University Spac | 6942336 | C | P061093 | SUBK-20-0006 | Hansman /Robert J | 10/01/19 | 05/31/21 | (4) | 36,723 | 0 |
| | 007380 Stanford Univer | 6944318 | C | P061093 | 62467927-176172 | Balakrishnan /Hamsa | 09/01/20 | 08/31/22 | 164,119 | 299,906 | 28,575 |
| | 007509 Universities Spa | 6943259 | C | P401710 | 08-0082 | Kauffmann /Jens | 07/30/20 | 07/29/23 | 0 | 7,000 | 102 |
| | 007545 University of Illir | 6941777 | C | P061094 | 097265-17589 | Greitzer /Edward M | 07/01/19 | 06/30/23 | 235,824 | 704,703 | 32,009 |
| | 105716 Combustion Re | 6943776 | C | P068000 | SBIR UNDER 80NSSC20C00195 | Baglietto /Emilio | 07/08/20 | 07/07/23 | 68,576 | 300,000 | 109,723 |
| | **Total by Primary Sponsor** | | | | | | | | **1,414,014** | **4,641,858** | **878,565** |
| 000431 NASA - Langley Research Center | 000431 NASA - Langley Research Center | 6932709 | C | P061090 | NNX15AU66A | Wang /Qiqi | 09/01/15 | 08/31/21 | 16,373 | 693,345 | 0 |
| | | 6942886 | C | P061093 | 80NSSC20M0080 | Leveson /Nancy G | 09/01/20 | 08/31/23 | 184,095 | 489,952 | 241,014 |
| | | 6946567 | C | P061093 | 80NSSC22K0193 | Darmofal /David L | 11/01/21 | 10/31/22 | 133,377 | 149,998 | 16,621 |
| | 007005 National Institut of Aerospace | 6941317 | C | P061093 | T13-6500-MIT/TASK ORDER 601054 | Hansman /Robert J | 07/19/19 | 12/31/22 | 34,054 | 339,724 | 193,341 |
| | | 6945221 | C | P417500 | C20-201127-MIT | Hu /Juejun | 04/13/21 | 05/31/23 | 90,466 | 141,000 | 50,534 |
| | | 6945416 | C | P061093 | C21-201008-MIT | Allmaras /Steven R. | 05/26/21 | 09/30/21 | 10,000 | 10,000 | 0 |
| | 104937 STONE AEROS | 6942011 | C | P061097 | AGMT. DTD. 06/01/2019 | Cahoy /Kerri | 06/01/19 | 05/31/22 | 11,341 | 179,994 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **479,706** | **2,004,013** | **501,510** |
| 000500 NSF | 000500 NSF | 6928084 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 3,730,275 | (0) |
| | | 6928085 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 3,383,264 | (0) |
| | | 6928086 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 3,373,183 | 0 |
| | | 6928087 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 2,333,455 | (0) |
| | | 6928089 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 1,305,311 | (0) |
| | | 6928090 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 211,916 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928091 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 07/15/13 | 08/31/19 | 0 | 2,700,497 | 0 |
| | | 6928595 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 0 | 900,438 | 900,438 |
| | | 6928744 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 3,188,390 | (0) |
| | | 6928745 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/19 | 0 | 31,293 | (0) |
| | | 6930632 | C | P067952 | CNS-1407470 | Balakrishnan /Hari | 09/01/14 | 08/31/20 | (8,505) | 793,240 | 0 |
| | | 6931164 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 4,118 | 321,493 | 317,375 |
| | | 6931220 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 44,511 | 1,062,315 | (0) |
| | | 6931221 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 320,150 | 1,967,960 | (278,437) |
| | | 6931222 | C | P246000 | DMR-1419807 | Dalton /Susan D | 12/01/14 | 10/31/21 | 48,823 | 958,343 | 0 |
| | | 6931223 | C | P246000 | DMR-1419807 | Dalton /Susan D | 12/01/14 | 10/31/21 | 55,031 | 488,801 | (0) |
| | | 6931224 | C | P246000 | DMR-1419807 | Dalton /Susan D | 12/01/14 | 10/31/21 | 0 | 47,611 | (0) |
| | | 6931225 | C | P246000 | DMR-1419807 | Dalton /Susan D | 12/01/14 | 10/31/21 | 19,515 | 321,400 | 0 |
| | | 6931226 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 26,679 | 564,504 | (0) |
| | | 6931227 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 43,270 | 598,471 | 0 |
| | | 6931228 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 15,929 | 522,546 | (0) |
| | | 6931229 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 12/31/20 | 0 | 463,423 | 0 |
| | | 6931230 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 02/28/21 | 0 | 441,754 | 0 |
| | | 6931231 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 02/28/21 | 27,699 | 543,661 | 0 |
| | | 6931235 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 765,172 | 0 |
| | | 6931236 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 313,116 | (0) |
| | | 6931237 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 335,056 | (0) |
| | | 6931238 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 261,082 | 0 |
| | | 6931239 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 445,135 | (0) |
| | | 6931240 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 309,754 | (0) |
| | | 6931241 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/16 | 0 | 39,790 | 0 |
| | | 6931242 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 202,647 | 0 |
| | | 6931243 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 215,224 | 0 |
| | | 6931246 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 136,117 | 807,427 | (0) |
| | | 6931247 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 27,355 | 548,142 | (0) |
| | | 6931248 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 505,018 | 0 |
| | | 6931249 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 02/28/21 | 0 | 473,616 | 0 |
| | | 6931250 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 492,278 | 0 |
| | | 6931251 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/21 | 30,381 | 461,348 | (0) |
| | | 6931255 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 02/28/18 | 0 | 160,064 | 0 |
| | | 6931256 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 159,971 | 0 |
| | | 6931257 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 159,997 | (0) |
| | | 6931258 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 12/01/14 | 10/31/20 | 0 | 160,673 | (0) |
| | | 6931436 | C | P067952 | CCF-1453261 | Moitra /Ankur | 04/01/15 | 06/30/21 | (70,224) | 500,000 | (0) |
| | | 6931927 | C | P154000 | DMS-1502244 | Etingof /Pavel I | 03/04/15 | 12/31/21 | 4,454 | 633,997 | (0) |
| | | 6932078 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/22 | 141,303 | 2,260,918 | 13,760 |
| | | 6932312 | C | P067952 | CCF-1533753 | Amarasinghe /Saman P | 08/01/15 | 07/31/20 | (48,269) | 608,879 | 0 |
| | | 6932317 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 07/15/13 | 08/31/19 | 0 | 1,442,841 | (0) |
| | | 6932336 | C | P065005 | AGS-1520825 | Peacock /Thomas | 09/01/15 | 08/31/21 | 62,779 | 2,258,686 | 1,438 |
| | | 6932401 | C | P153000 | OCE-1536515 | Ferrari /Raffaele | 10/01/15 | 09/30/21 | 112 | 422,729 | 0 |
| | | 6932434 | C | P095500 | SES-1528487 | Berinsky /Adam | 08/15/15 | 07/31/21 | 93,990 | 503,577 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932493 | C | P067952 | CNS-1526791 | Balakrishnan /Hari | 10/01/15 | 09/30/20 | (1,660) | 410,704 | (0) |
| | | 6932537 | C | P067952 | CCF-1533644 | Leiserson /Charles E | 09/01/15 | 09/30/21 | 478,413 | 2,195,770 | (0) |
| | | 6932539 | C | P068700 | CCF-1525705 | Win /Moe Z | 09/01/15 | 08/31/21 | 4,612 | 175,000 | 0 |
| | | 6932551 | C | P267100 | PHY-1506369 | Ketterle /Wolfgang | 09/01/15 | 08/31/22 | 285,774 | 2,900,845 | 312,288 |
| | | 6932592 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 09/03/15 | 10/31/20 | 0 | 249,709 | (0) |
| | | 6932657 | C | P097000 | PHY-1541160 | Kaiser /David I | 06/01/15 | 08/31/21 | 112,570 | 900,360 | (0) |
| | | 6932921 | C | P069201 | CBET-0939511 | Asada /Haruhiko | 09/01/15 | 08/31/22 | 13,079 | 555,549 | (6) |
| | | 6932922 | C | P069201 | CBET-0939511 | Boyer /Laurie Ann | 09/01/15 | 08/31/22 | 0 | 569,726 | 0 |
| | | 6932923 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/22 | 16,164 | 1,046,278 | (823) |
| | | 6932924 | C | P069201 | CBET-0939511 | Weiss /Ron | 09/01/15 | 08/31/22 | 0 | 1,068,655 | 0 |
| | | 6932925 | C | P069201 | CBET-0939511 | Griffith /Linda G | 09/01/15 | 08/31/22 | (8) | 754,787 | (0) |
| | | 6932926 | C | P069201 | CBET-0939511 | Hammond /Paula T | 09/01/15 | 08/31/22 | 16,964 | 561,648 | 10,193 |
| | | 6932927 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/22 | 1,066,821 | 14,731,616 | 527,320 |
| | | 6932928 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/21 | 0 | 161,135 | 0 |
| | | 6933276 | C | P065005 | EAR-1520825 | Lermusiaux /Pierre | 09/01/15 | 08/31/21 | 1,917 | 472,190 | 0 |
| | | 6933277 | C | P065005 | EAR-1520825 | Peacock /Thomas | 09/01/15 | 08/31/21 | 0 | 55,963 | (0) |
| | | 6933336 | C | P067952 | CCF-1553428 | Madry /Aleksander | 01/01/16 | 12/31/22 | 67,936 | 550,000 | 77,903 |
| | | 6933370 | C | P069201 | CCF-1521925 | Weiss /Ron | 12/15/15 | 11/30/21 | (352) | 1,623,425 | (0) |
| | | 6933408 | C | P310000 | CCF-1521759 | Carr /Peter A. | 12/15/15 | 05/31/21 | 427 | 0 | 0 |
| | | 6933440 | C | P067952 | IIS-1553284 | Jegelka /Stefanie Sabrina | 01/15/16 | 12/31/22 | 12,349 | 493,059 | 48,856 |
| | | 6933498 | C | P069850 | DMR-1554891 | Checkelsky /Joseph | 02/01/16 | 01/31/22 | (6,898) | 509,056 | 0 |
| | | 6933551 | C | P062000 | CBET-1554398 | Swan /James W | 02/01/16 | 01/31/22 | 28,144 | 500,000 | 0 |
| | | 6933711 | C | P069201 | CCF-1521925 | Lu /Timothy K | 12/15/15 | 11/30/21 | (34,795) | 868,763 | (0) |
| | | 6933712 | C | P065004 | CCF-1521925 | Del Vecchio /Domitilla | 12/15/15 | 11/30/21 | 61,352 | 867,961 | 0 |
| | | 6933784 | C | P091000 | SES-1555071 | Wolitzky /Alexander Greenberg | 03/01/16 | 02/28/22 | 80,111 | 383,398 | (0) |
| | | 6933910 | C | P154000 | DMS-1601946 | Poonen /Bjorn | 06/01/16 | 08/31/22 | 33,053 | 650,000 | 11,133 |
| | | 6933939 | C | P068700 | CCF-1565235 | Parrilo /Pablo A | 05/01/16 | 04/30/22 | (235) | 741,000 | 41 |
| | | 6933960 | C | P067952 | CNS-1563763 | Kaashoek /M. Frans | 06/01/16 | 05/31/21 | (19,716) | 900,000 | (0) |
| | | 6933990 | C | P154000 | DMS-1601953 | Bezrukavnikov /Roman | 06/01/16 | 05/31/21 | (0) | 665,000 | 0 |
| | | 6933991 | C | P067952 | CCF-1563880 | Shavit /Nir N. | 07/15/16 | 08/31/21 | 2,492 | 540,000 | (0) |
| | | 6934044 | C | P091020 | SES-1559367 | Olken /Benjamin | 05/01/16 | 04/30/22 | 2,089 | 101,134 | 0 |
| | | 6934146 | C | P067952 | CCF-1565235 | Moitra /Ankur | 05/01/16 | 04/30/22 | 132,723 | 745,000 | 464 |
| | | 6934147 | C | P067952 | CCF-1565235 | Kelner /Jonathan Adam | 05/01/16 | 04/30/22 | 378 | 645,000 | 1,803 |
| | | 6934199 | C | P267500 | CBET-1605406 | Bulovic /Vladimir | 06/01/16 | 05/31/19 | (103) | 293,271 | (0) |
| | | 6934446 | C | P068700 | CMMI-1634259 | Shah /Devavrat | 09/01/16 | 08/31/21 | 1,664 | 179,978 | 0 |
| | | 6934519 | C | P267111 | EFMA-1641064 | Englund /Dirk R. | 10/01/16 | 09/30/21 | 23,122 | 388,468 | (0) |
| | | 6934547 | C | P067952 | CNS-1563826 | Balakrishnan /Hari | 06/01/16 | 05/31/22 | 81,372 | 898,333 | (0) |
| | | 6934551 | C | P063007 | AGS-1638672 | Kroll /Jesse | 08/12/16 | 02/28/21 | (217) | 541,947 | (0) |
| | | 6934569 | C | P067952 | CMMI-1644558 | Matusik /Wojciech | 09/01/16 | 08/31/22 | 33,339 | 326,600 | (11,609) |
| | | 6934644 | C | P154000 | PHY-1620045 | Freedman /Daniel Z | 09/01/16 | 08/31/22 | 0 | 30,000 | 10,566 |
| | | 6934663 | C | P121012 | CMMI-1634259 | Farias /Vivek F. | 09/01/16 | 08/31/21 | 22 | 180,022 | 0 |
| | | 6934669 | C | P159900 | PHY-1626069 | Conrad /Janet Marie | 09/01/16 | 08/31/23 | 97,755 | 181,910 | 84,060 |
| | | 6934717 | C | P067952 | IIS-1607189 | Shavit /Nir N. | 09/01/16 | 08/31/21 | 206 | 332,588 | 0 |
| | | 6934730 | C | P153000 | EAR-1615426 | Fournier /Gregory P. | 09/01/16 | 08/31/21 | 6,129 | 1,048,303 | (0) |
| | | 6934735 | C | P067952 | OAC-1636766 | Madden /Samuel R | 09/01/16 | 12/31/21 | 18,038 | 816,249 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6934794 | C | P159900 | PHY-1626069 | Conrad /Janet Marie | 09/01/16 | 09/30/22 | 268,136 | 795,255 | 223,283 |
| | | 6934806 | C | P267100 | PHY-1506369 | Ketterle /Wolfgang | 08/01/16 | 08/31/22 | 1,168 | 255,000 | (96,593) |
| | | 6934847 | C | P062000 | CHE-1629358 | Olsen /Bradley D. | 09/01/16 | 08/31/21 | 53,555 | 495,884 | 0 |
| | | 6934862 | C | P067952 | IIS-1607486 | Rosenholtz /Ruth Ellen | 12/01/16 | 11/30/21 | 53,365 | 681,746 | (0) |
| | | 6934952 | C | P400600 | DRL-1644540 | Gabrieli /John D. E. | 09/15/16 | 08/31/21 | 21,781 | 1,577,676 | (0) |
| | | 6934953 | C | P401710 | AST-1614868 | Fish /Vincent L. | 09/15/16 | 08/31/21 | 7,651 | 440,795 | (0) |
| | | 6934974 | C | P065005 | AGS-1520825 | Peacock /Thomas | 09/01/15 | 08/31/21 | 0 | 24,161 | 0 |
| | | 6935085 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 06/01/16 | 08/31/18 | 0 | 23,163 | 0 |
| | | 6935312 | C | P152000 | CHE-1654415 | Willard /Adam P. | 09/01/16 | 11/30/22 | 74,327 | 646,243 | 41,374 |
| | | 6935315 | C | P067952 | CMMI-1644558 | Rus /Daniela L | 09/01/16 | 08/31/22 | 53,048 | 320,000 | 40,121 |
| | | 6935335 | C | P068000 | DMR-1654548 | Short /Michael P | 06/01/17 | 05/31/22 | 59,857 | 643,311 | (1,144) |
| | | 6935493 | C | P060600 | ECCS-1653553 | Liu /Luqiao | 02/01/17 | 01/31/23 | 84,784 | 500,000 | 5,497 |
| | | 6935540 | C | P152000 | MCB-1652390 | Shoulders /Matthew D. | 10/01/16 | 06/30/22 | 129,744 | 1,034,621 | (11,382) |
| | | 6935544 | C | P067952 | CCF-1723344 | Sontag /David Alexander | 01/01/17 | 08/31/22 | 104,894 | 399,999 | 7,292 |
| | | 6935655 | C | P060600 | ECCS-1653100 | Han /Ruonan | 02/01/17 | 01/31/22 | 46,053 | 500,000 | 0 |
| | | 6935664 | C | P066000 | CHE-1653289 | Macfarlane /Robert J | 02/01/17 | 01/31/22 | (23,599) | 690,238 | 0 |
| | | 6935738 | C | P063007 | EAR-1659923 | Nepf /Heidi | 02/15/17 | 01/31/22 | 40,173 | 440,751 | 0 |
| | | 6935783 | C | P068700 | DMS-1651995 | Uhler /Caroline | 07/01/17 | 06/30/23 | 27,275 | 400,000 | 215,854 |
| | | 6935877 | C | P063007 | IOS-1645061 | Chisholm /Sallie W | 05/01/17 | 04/30/22 | 8,692 | 760,554 | 75 |
| | | 6935923 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 03/01/17 | 07/31/18 | 0 | 160,202 | 0 |
| | | 6935924 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 03/01/17 | 09/30/18 | 0 | 158,939 | (0) |
| | | 6935925 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 03/01/17 | 01/31/19 | 0 | 159,877 | 0 |
| | | 6935926 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 03/01/17 | 06/30/19 | 0 | 159,920 | 0 |
| | | 6935945 | C | P065005 | CBET-1653758 | Winter /Amos G | 06/01/17 | 05/31/23 | 44,121 | 500,000 | 50,775 |
| | | 6936094 | C | P065005 | IOS-1645061 | Buie /Cullen | 05/01/17 | 04/30/20 | 0 | 104,472 | 0 |
| | | 6936114 | C | P063007 | CMMI-1702689 | Whittle /Andrew | 04/01/17 | 09/30/21 | (4,228) | 350,112 | 0 |
| | | 6936174 | C | P067952 | CCF-1651838 | Williams /Virginia | 01/01/17 | 02/28/22 | (20,904) | 400,000 | (0) |
| | | 6936281 | C | P062000 | DMR-1709315 | Olsen /Bradley D. | 09/01/17 | 08/31/22 | 27,336 | 360,000 | 46,886 |
| | | 6936297 | C | P067952 | CCF-1741615 | Williams /Richard Ryan | 01/01/17 | 11/30/21 | 6,157 | 503,312 | (0) |
| | | 6936323 | C | P154000 | DMS-1664619 | Borodin /Alexei | 04/02/17 | 04/30/22 | 26,917 | 329,435 | (0) |
| | | 6936349 | C | P153000 | EAR-1702588 | McGee /William David | 06/01/17 | 05/31/21 | 767 | 204,550 | 0 |
| | | 6936388 | C | P243020 | PHY-1654168 | Gomes Loureiro /Nuno F | 06/01/17 | 05/31/23 | 64,621 | 501,312 | 87,928 |
| | | 6936428 | C | P267100 | ECCS-1702716 | Cappellaro /Paola | 09/01/17 | 08/31/21 | 10,004 | 359,944 | 0 |
| | | 6936517 | C | P154000 | DMS-1737944 | Mossel /Elchanan | 09/01/17 | 08/31/21 | 40,317 | 477,394 | 0 |
| | | 6936531 | C | P267110 | ECCS-1711027 | Zheng /Lizhong | 07/01/17 | 06/30/21 | (11) | 330,000 | 0 |
| | | 6936532 | C | P061097 | DMS-1723011 | Marzouk /Youssef M | 09/01/17 | 08/31/21 | (7) | 110,000 | (0) |
| | | 6936552 | C | P069850 | DMR-1743059 | Checkelsky /Joseph | 03/15/17 | 05/31/23 | 14,009 | 240,933 | 67,708 |
| | | 6936557 | C | P159600 | PHY-1707549 | Hughes /Scott A | 07/01/17 | 06/30/22 | 62,867 | 359,955 | (4,503) |
| | | 6936575 | C | P065004 | CBET-1706193 | Kamrin /Kenneth N | 07/01/17 | 06/30/21 | (28,475) | 230,482 | 0 |
| | | 6936671 | C | P267110 | CCF-1717610 | Wornell /Gregory W | 07/01/17 | 06/30/22 | 109,173 | 500,000 | 0 |
| | | 6936675 | C | P068700 | CCF-1717842 | Polyanskiy /Yury | 07/01/17 | 06/30/22 | 193,062 | 450,000 | (482) |
| | | 6936691 | C | P153000 | EAR-1722935 | Jagoutz /Oliver E | 07/15/17 | 12/31/21 | 20,668 | 304,959 | 0 |
| | | 6936716 | C | P153000 | OCE-1736996 | Boyle /Edward A | 08/01/17 | 07/31/22 | 41,579 | 474,825 | 24,868 |
| | | 6936732 | C | P153000 | OCE-1736109 | Ferrari /Raffaele | 09/01/17 | 08/31/22 | 61,395 | 500,078 | 134,629 |
| | | 6936738 | C | P121012 | CMMI-1727239 | Farias /Vivek F. | 09/01/17 | 08/31/22 | 38,750 | 471,670 | (205) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936742 | C | P068700 | CNS-1713725 | Modiano /Eytan H | 10/01/17 | 09/30/22 | 157,976 | 500,000 | 37,936 |
| | | 6936748 | C | P062000 | CBET-1704266 | Kulik /Heather Janine | 08/01/17 | 07/31/21 | 1,373 | 317,237 | 0 |
| | | 6936751 | C | P062000 | PHY-1743900 | Chakraborty /Arup K | 08/01/17 | 07/31/20 | (1) | 957,436 | 0 |
| | | 6936752 | C | P154000 | DMS-1712862 | Sheffield /Scott Roger | 08/01/17 | 07/31/22 | 161,729 | 620,000 | (9,210) |
| | | 6936760 | C | P152000 | CHE-1665383 | Nelson /Keith Adam | 04/15/17 | 06/30/21 | 422 | 664,434 | (0) |
| | | 6936766 | C | P154000 | DMS-1719637 | Rosales /Rodolfo | 06/01/17 | 07/31/21 | 5,158 | 123,296 | (0) |
| | | 6936818 | C | P067952 | IIS-1723381 | Kaelbling /Leslie P | 08/15/17 | 07/31/22 | 186,046 | 800,000 | 53,451 |
| | | 6936822 | C | P243021 | DMR-1700137 | Moodera /Jagadeesh | 06/01/17 | 01/31/22 | 105,938 | 700,000 | (0) |
| | | 6936823 | C | P065005 | CBET-1703978 | Techet /Alexandra H | 06/01/17 | 07/31/21 | 0 | 300,000 | 139,313 |
| | | 6936824 | C | P039000 | IIP-1717362 | Breazeal /Cynthia Lynn | 08/01/17 | 07/31/21 | 45,322 | 999,817 | (0) |
| | | 6936825 | C | P154000 | DMS-1707270 | Minicozzi /William | 08/01/17 | 07/31/21 | 18,642 | 300,181 | (0) |
| | | 6936827 | C | P267110 | CNS-1717199 | Chan /Vincent W. S. | 08/01/17 | 07/31/21 | 16,803 | 498,975 | (76) |
| | | 6936854 | C | P165000 | PHY-1707999 | Bathe /Mark | 08/15/17 | 07/31/22 | 214,959 | 720,000 | 216,552 |
| | | 6936855 | C | P062000 | CMMI-1729304 | Rutledge /Gregory C | 09/01/17 | 08/31/22 | 346,384 | 1,125,775 | 130,775 |
| | | 6936872 | C | P069850 | DMR-1708280 | Kardar /Mehran | 08/01/17 | 08/31/22 | 89,936 | 420,000 | 67,507 |
| | | 6936873 | C | P067952 | IIS-1716413 | Mueller /Stefanie | 08/15/17 | 07/31/21 | 165 | 452,428 | (0) |
| | | 6936875 | C | P068700 | CNS-1735463 | Modiano /Eytan H | 01/01/18 | 12/31/22 | 229,111 | 725,002 | 221,172 |
| | | 6936915 | C | P159600 | AST-1716251 | Frebel /Anna L. | 09/01/17 | 08/31/22 | 129,895 | 650,659 | 67,408 |
| | | 6936948 | C | P067952 | IIS-1723943 | Rus /Daniela L | 08/15/17 | 07/31/21 | 27,924 | 234,860 | (0) |
| | | 6936949 | C | P065004 | BCS-1724135 | Hogan /Neville | 09/01/17 | 10/31/22 | 57,180 | 300,000 | 7,623 |
| | | 6936950 | C | P267200 | PHY-1720311 | Orlando /Terry Philip | 09/01/17 | 08/31/21 | (1,068) | 360,000 | 0 |
| | | 6936994 | C | P039000 | DRL-1734443 | Breazeal /Cynthia Lynn | 09/01/17 | 08/31/22 | 17,721 | 882,935 | 3,153 |
| | | 6936996 | C | P121012 | IIS-1718258 | Mazumder /Rahul | 09/01/17 | 08/31/22 | 65,869 | 318,000 | 8,055 |
| | | 6937007 | C | P063007 | CHE-1709993 | Kroll /Jesse | 09/01/17 | 05/31/21 | 4,195 | 479,751 | 0 |
| | | 6937028 | C | P154000 | CMMI-1727565 | Bush /John W. M. | 06/03/17 | 08/31/21 | 66,997 | 449,933 | 0 |
| | | 6937031 | C | P062000 | CBET-1705923 | Olsen /Bradley D. | 09/01/17 | 08/31/22 | 61,338 | 350,000 | 850 |
| | | 6937033 | C | P067952 | CCF-1740751 | Indyk /Piotr | 10/01/17 | 09/30/21 | 158,806 | 1,364,267 | 0 |
| | | 6937073 | C | P153000 | AGS-1740533 | Cronin /Timothy Wallace | 09/01/17 | 08/31/21 | 238 | 346,869 | 0 |
| | | 6937080 | C | P061093 | CNS-1739505 | Balakrishnan /Hamsa | 11/01/17 | 10/31/22 | 58,259 | 449,765 | 829 |
| | | 6937121 | C | P165000 | CBET-1729397 | Bathe /Mark | 01/01/18 | 12/31/21 | 147,236 | 770,500 | (0) |
| | | 6937141 | C | P165000 | CBET-1729397 | Bathe /Mark | 01/01/18 | 12/31/21 | 142,147 | 414,750 | 0 |
| | | 6937142 | C | P165000 | CBET-1729397 | Bathe /Mark | 01/01/18 | 12/31/21 | 103,404 | 414,750 | 0 |
| | | 6937189 | C | P069850 | DMR-1743059 | Checkelsky /Joseph | 03/01/17 | 06/16/17 | 0 | 2,511 | (0) |
| | | 6937242 | C | P068700 | IIS-1741341 | Sra /Suvrit | 10/01/17 | 09/30/22 | 74,229 | 536,115 | 90 |
| | | 6937309 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 1,713 | 1,900 | 63 |
| | | 6937380 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 0 | 20,000 | 2,904 |
| | | 6937381 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 186,438 | 618,200 | (210,263) |
| | | 6937382 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 0 | 60,000 | 6,993 |
| | | 6937383 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 28,693 | 165,000 | 7,166 |
| | | 6937384 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 122,352 | 269,000 | (11,429) |
| | | 6937385 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 39,478 | 208,000 | 614 |
| | | 6937386 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 1,458,874 | 5,973,000 | 235,228 |
| | | 6937387 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 09/01/17 | 08/31/22 | 199,329 | 622,422 | 173,235 |
| | | 6937388 | C | P267100 | PHY-1734011 | Cappellaro /Paola | 09/01/17 | 08/31/22 | 10,383 | 431,000 | 27,996 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937389 | C | P267100 | PHY-1734011 | Vuletic /Vladan | 09/01/17 | 08/31/22 | 21,174 | 641,600 | (4,695) |
| | | 6937390 | C | P267500 | PHY-1734011 | Chuang /Isaac | 09/01/17 | 08/31/22 | 232,000 | 200,000 | (65,702) |
| | | 6937391 | C | P267100 | PHY-1734011 | Zwierlein /Martin Wolfram | 09/01/17 | 08/31/22 | 224,830 | 570,000 | (35,161) |
| | | 6937482 | C | P067952 | IIS-1741341 | Jegelka /Stefanie Sabrina | 10/01/17 | 09/30/22 | 81,077 | 488,248 | 178,368 |
| | | 6937523 | C | P065005 | CNS-1735463 | Turitsyn /Konstantin | 01/01/18 | 12/31/21 | 0 | 74,998 | (0) |
| | | 6937524 | C | P035000 | CNS-1735463 | Glasmeier /Amy K | 01/01/18 | 12/31/22 | 26,638 | 399,898 | 13,275 |
| | | 6937566 | C | P267111 | EFMA-1641064 | Englund /Dirk R. | 09/27/17 | 09/30/21 | 1,402 | 66,987 | 0 |
| | | 6937641 | C | P067952 | CCF-1751011 | Carbin /Michael James | 07/01/18 | 06/30/23 | 47,249 | 413,218 | 119,382 |
| | | 6937683 | C | P067952 | CNS-1704172 | Morris /Robert Tappan | 01/15/18 | 12/31/21 | 21,345 | 797,879 | (0) |
| | | 6937762 | C | P159600 | AST-1751096 | McDonald /Michael A. | 04/02/18 | 06/30/23 | 76,972 | 699,333 | 257,411 |
| | | 6937785 | C | P066000 | CBET-1751925 | Olivetti /Elsa A | 02/01/18 | 01/31/23 | 47,170 | 508,890 | 286,503 |
| | | 6937854 | C | P267111 | PHY-1734011 | Englund /Dirk R. | 09/01/17 | 08/31/22 | 65,871 | 427,572 | 10,361 |
| | | 6937857 | C | P267100 | PHY-1734011 | Zwierlein /Martin Wolfram | 09/01/17 | 08/31/22 | 53,727 | 320,000 | 36,722 |
| | | 6937878 | C | P066000 | DMR-1751736 | Jaramillo /Rafael | 06/01/18 | 05/31/23 | (428) | 466,411 | 22,217 |
| | | 6937890 | C | P066000 | DMR-1751736 | Jaramillo /Rafael | 06/01/18 | 05/31/23 | (1,033) | 44,000 | 18,747 |
| | | 6938130 | C | P153000 | AGS-1749986 | O'Gorman /Paul | 03/01/18 | 02/28/22 | 11,222 | 412,144 | 0 |
| | | 6938158 | C | P063007 | CMMI-1752172 | Marelli /Benedetto | 04/01/18 | 03/31/23 | 73,796 | 570,000 | 304,197 |
| | | 6938166 | C | P039000 | IIS-1729931 | Raskar /Ramesh | 03/01/18 | 02/28/23 | 87,355 | 560,000 | 216,451 |
| | | 6938167 | C | P154000 | CCF-1729369 | Shor /Peter Williston | 03/01/18 | 02/28/23 | 221,475 | 2,700,000 | 1,097,687 |
| | | 6938238 | C | P401823 | SMA-1757344 | Murray /Fiona E | 04/01/18 | 08/31/21 | 78,638 | 520,037 | 32,286 |
| | | 6938253 | C | P068700 | IIS-1750286 | Broderick /Tamara A | 03/15/18 | 02/28/23 | 31,069 | 550,000 | 253,973 |
| | | 6938421 | C | P091000 | SES-1757199 | Mikusheva /Anna | 05/01/18 | 04/30/22 | 2,147 | 134,575 | 0 |
| | | 6938427 | C | P154000 | DMS-1764176 | Zhao /Yufei | 07/01/18 | 08/31/21 | 4,019 | 180,000 | (0) |
| | | 6938430 | C | P152000 | DMR-1809740 | Swager /Timothy M | 04/01/18 | 06/30/22 | 217,814 | 565,000 | (3,243) |
| | | 6938468 | C | P069850 | DMR-1751739 | Comin /Riccardo | 02/01/18 | 04/30/23 | 77,202 | 651,226 | 114,367 |
| | | 6938530 | C | P154000 | DMS-1749858 | Dyatlov /Semyon | 07/01/18 | 06/30/23 | 102,155 | 425,000 | 188,085 |
| | | 6938578 | C | P154000 | DMS-1764403 | Staffilani /Gigliola | 07/01/18 | 06/30/21 | 6,934 | 240,000 | (0) |
| | | 6938598 | C | P069850 | DMR-1809815 | Gedik /Nuh | 03/01/18 | 05/31/22 | 90,896 | 523,067 | 6,644 |
| | | 6938604 | C | P159900 | PHY-1801996 | Conrad /Janet Marie | 01/31/18 | 04/30/22 | (30,162) | 884,178 | (0) |
| | | 6938606 | C | P067952 | CNS-1751009 | Alizadeh Attar /Mohammadreza | 05/15/18 | 04/30/23 | 115,694 | 500,750 | (1,012) |
| | | 6938620 | C | P060600 | ECCS-1808826 | Liu /Luqiao | 06/01/18 | 05/31/21 | (4,688) | 368,000 | (0) |
| | | 6938645 | C | P067952 | CCF-1810758 | Lynch /Nancy Ann | 06/01/18 | 05/31/23 | 130,115 | 450,000 | 46,446 |
| | | 6938711 | C | P154000 | DMS-1811267 | Colding /Tobias | 06/01/18 | 05/31/23 | 0 | 160,022 | 15,090 |
| | | 6938712 | C | P154000 | DMS-1812142 | Colding /Tobias | 08/01/18 | 07/31/22 | 197,742 | 502,987 | 11,135 |
| | | 6938758 | C | P267110 | CCF-1816209 | Wornell /Gregory W | 10/01/18 | 09/30/23 | 248,548 | 498,847 | 202,466 |
| | | 6938760 | C | P067952 | IIS-1763434 | Madden /Samuel R | 06/01/18 | 05/31/23 | 200,812 | 1,200,000 | 209,836 |
| | | 6938765 | C | P066000 | ECCS-1808828 | Beach /Geoffrey Stephen | 03/03/18 | 05/31/21 | (341) | 360,000 | 0 |
| | | 6938820 | C | P062000 | MCB-1817708 | Prather /Kristala L | 09/01/18 | 09/30/22 | 89,849 | 480,789 | 37,281 |
| | | 6938891 | C | P154000 | DMS-1764370 | Postnikov /Alexander | 07/01/18 | 06/30/22 | 101,395 | 270,000 | 43,825 |
| | | 6938892 | C | P153000 | EAR-1753482 | Pec /Matej | 07/01/18 | 06/30/22 | 50,114 | 379,999 | 4 |
| | | 6938897 | C | P159600 | AST-1814259 | Vogelsberger /Mark | 06/15/18 | 08/31/22 | (21,399) | 407,700 | 1,611 |
| | | 6938934 | C | P267100 | PHY-1806765 | Vuletic /Vladan | 08/01/18 | 07/31/22 | 26,944 | 354,670 | (1,336) |
| | | 6938936 | C | P066000 | DMR-1808190 | Ross /Caroline A | 07/15/18 | 12/31/21 | 79,807 | 512,383 | (17,424) |
| | | 6938944 | C | P154000 | DMS-1760264 | Negut /Andrei | 07/15/18 | 06/30/22 | 55,464 | 200,000 | (954) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939011 | C | P159600 | AST-1814053 | Vogelsberger /Mark | 09/15/18 | 08/31/22 | 47,849 | 269,865 | 11,671 |
| | | 6939038 | C | P067952 | CCF-1814969 | Sanchez Martin /Daniel | 10/01/18 | 09/30/22 | 106,457 | 450,000 | (10,782) |
| | | 6939039 | C | P417500 | DMR-1809802 | Jarillo-Herrero /Pablo | 08/01/18 | 07/31/22 | 111,110 | 643,504 | 163,485 |
| | | 6939040 | C | P062000 | CBET-1805566 | Brushett /Fikile R | 08/01/18 | 07/31/21 | (2,404) | 262,623 | (0) |
| | | 6939047 | C | P152000 | CHE-1800410 | Field /Robert W | 08/01/18 | 07/31/22 | 122,909 | 600,000 | 1,885 |
| | | 6939055 | C | P152000 | CHE-1800301 | Cao /Jianshu | 04/01/18 | 09/30/22 | 59,669 | 420,000 | 161,179 |
| | | 6939069 | C | P067952 | OPP-1837646 | Williams /Brian C | 08/01/18 | 01/31/23 | 3,754 | 65,000 | 45 |
| | | 6939083 | C | P152000 | CHE-1836913 | Cao /Jianshu | 05/03/18 | 07/31/23 | 32,068 | 200,000 | 17,017 |
| | | 6939098 | C | P154500 | IIS-1815529 | Levy /Roger P | 05/01/18 | 07/31/21 | 14,652 | 400,000 | 0 |
| | | 6939101 | C | P065004 | CBET-1804241 | Kolle /Mathias | 08/15/18 | 07/31/21 | 9,203 | 179,986 | 0 |
| | | 6939158 | C | P152000 | CHE-1828570 | Nelson /Keith Adam | 08/15/18 | 07/31/22 | 0 | 528,546 | (0) |
| | | 6939165 | C | P159600 | PHY-1836814 | Evans /Matthew J | 08/15/18 | 07/31/22 | 411,161 | 1,154,304 | 556 |
| | | 6939166 | C | P065004 | CMMI-1826216 | Hart /Anastasios John | 08/15/18 | 07/31/22 | 101,642 | 360,000 | 103,082 |
| | | 6939170 | C | P065004 | CMMI-1825731 | Kim /Jeehwan | 08/15/18 | 07/31/21 | (33,133) | 225,000 | (0) |
| | | 6939176 | C | P067952 | IIS-1815585 | Matusik /Wojciech | 09/01/18 | 08/31/21 | 6,971 | 249,770 | (0) |
| | | 6939177 | C | P067952 | IIS-1815372 | Matusik /Wojciech | 09/01/18 | 08/31/21 | 32,173 | 249,782 | 0 |
| | | 6939178 | C | P065004 | MCB-1840257 | Del Vecchio /Domitilla | 09/15/18 | 08/31/22 | 153,285 | 416,342 | 52,600 |
| | | 6939180 | C | P067952 | CNS-1812522 | Zeldovich /Nickolai | 09/01/18 | 08/31/22 | 150,295 | 500,000 | 10,813 |
| | | 6939181 | C | P067952 | CNS-1815221 | Madry /Aleksander | 08/15/18 | 07/31/23 | 140,222 | 500,000 | 77,554 |
| | | 6939184 | C | P060600 | ECCS-1809917 | Han /Ruonan | 08/15/18 | 07/31/21 | 5,523 | 330,000 | (0) |
| | | 6939185 | C | P153000 | EAR-1827715 | Ramezani /Jahandar | 09/01/18 | 08/31/22 | 22,026 | 300,612 | 5,561 |
| | | 6939231 | C | P159600 | AST-1836002 | Simcoe /Robert A | 06/02/18 | 08/31/22 | 338,446 | 2,539,271 | (265,844) |
| | | 6939233 | C | P159900 | PHY-1806440 | Winslow /Lindley | 08/15/18 | 07/31/21 | 35,821 | 692,340 | 0 |
| | | 6939236 | C | P067952 | EFMA-1830901 | Rus /Daniela L | 09/01/18 | 08/31/23 | 451,187 | 1,491,470 | 147,557 |
| | | 6939238 | C | P159600 | AST-1828470 | Simcoe /Robert A | 09/01/18 | 09/30/22 | 98,425 | 866,263 | 94,987 |
| | | 6939244 | C | P440107 | DGE-1806815 | Smith /Amy B | 09/01/18 | 01/31/23 | 44,306 | 499,908 | 77,283 |
| | | 6939247 | C | P065005 | ECCS-1809314 | Slotine /Jean-Jacques E | 09/01/18 | 08/31/21 | 2,931 | 198,264 | (0) |
| | | 6939249 | C | P159900 | PHY-1806251 | Formaggio /Joseph A | 09/01/18 | 02/28/22 | 107,985 | 600,000 | 0 |
| | | 6939267 | C | P068700 | ECCS-1808692 | Dahleh /Munther A | 09/01/18 | 08/31/23 | 188,471 | 360,000 | 59,647 |
| | | 6939281 | C | P065004 | CBET-1804247 | Gallant /Betar Maurkah | 09/01/18 | 08/31/21 | 7,713 | 330,205 | 0 |
| | | 6939285 | C | P091000 | DUE-1839921 | Acemoglu /K. Daron | 10/01/18 | 09/30/22 | 203,527 | 360,000 | 65,924 |
| | | 6939318 | C | P153000 | OAC-1835618 | Hill /Christopher N | 11/01/18 | 10/31/22 | 129,972 | 688,217 | 323,087 |
| | | 6939324 | C | P060600 | ECCS-1824360 | Han /Ruonan | 09/01/18 | 08/31/22 | 3,004 | 341,500 | 42,695 |
| | | 6939327 | C | P267200 | BCS-1827598 | Hufnagel /Stefanie S | 09/01/18 | 08/31/22 | 17,665 | 292,680 | 2,378 |
| | | 6939330 | C | P067952 | OAC-1835443 | Edelman /Alan | 01/01/19 | 12/31/23 | 694,107 | 1,757,999 | 755,311 |
| | | 6939338 | C | P067952 | EFMA-1830901 | Tedrake /Russell L | 09/01/18 | 08/31/23 | 99,977 | 508,530 | (1,187) |
| | | 6939358 | C | P067952 | CNS-1813087 | Devadas /Srinivas | 09/01/18 | 08/31/21 | 76,121 | 465,833 | 0 |
| | | 6939359 | C | P069850 | CMMI-1760025 | Allanore /Antoine | 09/15/18 | 08/31/22 | 162,167 | 357,418 | 3,629 |
| | | 6939362 | C | P067952 | CCF-1836712 | Zeldovich /Nickolai | 11/01/18 | 10/31/22 | 150,139 | 750,000 | 0 |
| | | 6939363 | C | P067952 | CCR-1822920 | Devadas /Srinivas | 10/01/18 | 09/30/21 | 120,733 | 407,673 | (0) |
| | | 6939364 | C | P067952 | CNS-1801399 | Jackson /Daniel | 09/15/18 | 08/31/22 | 118,348 | 240,000 | 121,322 |
| | | 6939368 | C | P065004 | CMMI-1826097 | Hogan /Neville | 09/15/18 | 08/31/22 | 87,139 | 349,104 | 33,705 |
| | | 6939383 | C | P067952 | BCS-1826757 | Rosenholtz /Ruth Ellen | 09/01/18 | 08/31/23 | 104,689 | 689,213 | 231,343 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939385 | C | P068700 | CNS-1837212 | Karaman /Sertac | 09/01/18 | 09/30/22 | 0 | 478,026 | (111) |
| | | 6939387 | C | P067952 | IIS-1838071 | Solomon /Justin | 12/01/18 | 11/30/22 | 48,587 | 475,000 | 5,074 |
| | | 6939388 | C | P068700 | DMS-1839258 | Sra /Suvrit | 10/01/18 | 09/30/21 | 9,502 | 299,977 | (0) |
| | | 6939393 | C | P153000 | AGS-1835576 | Ferrari /Raffaele | 11/01/18 | 10/31/23 | 194,128 | 1,250,000 | 757,643 |
| | | 6939398 | C | P067952 | IIS-1830282 | Shah /Julie A | 07/01/18 | 09/30/22 | 42,374 | 731,590 | 186,169 |
| | | 6939402 | C | P267111 | OAC-1839159 | Englund /Dirk R. | 07/03/18 | 09/30/22 | 0 | 0 | 0 |
| | | 6939403 | C | P165000 | CHE-1839155 | Bathe /Mark | 09/15/18 | 08/31/23 | 34,033 | 321,772 | 2,135 |
| | | 6939431 | C | P069200 | MCB-1840257 | Weiss /Ron | 09/15/18 | 08/31/22 | 0 | 416,342 | (0) |
| | | 6939432 | C | P151062 | MCB-1840257 | Laub /Michael T | 09/15/18 | 08/31/22 | 13,315 | 167,316 | 31,099 |
| | | 6939464 | C | P153000 | OCE-1756324 | Ferrari /Raffaele | 09/15/18 | 08/31/23 | 136,383 | 945,715 | 526,348 |
| | | 6939465 | C | P062000 | CMMI-1824297 | Doyle /Patrick S | 01/01/19 | 12/31/22 | 180,658 | 474,913 | 96,564 |
| | | 6939491 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | (37,064) | 2,853,635 | 2,853,635 |
| | | 6939492 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 598,593 | 1,715,638 | 107,215 |
| | | 6939493 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 325,594 | 1,500,761 | 111,647 |
| | | 6939494 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 371,731 | 2,317,591 | 190,300 |
| | | 6939495 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 782,172 | 2,402,876 | (51,337) |
| | | 6939496 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 365,373 | 2,784,652 | 120,025 |
| | | 6939499 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 205,336 | 1,039,660 | 190,558 |
| | | 6939500 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 471,004 | 2,228,940 | 267,671 |
| | | 6939516 | C | P154500 | BCS-1823919 | Schulz /Laura E | 09/01/18 | 08/31/22 | 140,811 | 584,445 | 42,262 |
| | | 6939526 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/20 | 0 | 16,839 | 1 |
| | | 6939548 | C | P069201 | CCF-1807575 | Voigt /Christopher A. | 10/01/18 | 09/30/22 | 62,100 | 416,250 | (1,685) |
| | | 6939566 | C | P267110 | CNS-1837212 | Sze /Vivienne | 09/01/18 | 09/30/22 | 213,428 | 500,000 | 20,212 |
| | | 6939621 | C | P159600 | AST-1836002 | Simcoe /Robert A | 06/02/18 | 08/31/22 | 1,056,626 | 2,771,287 | (280,850) |
| | | 6939668 | C | P267500 | OAC-1839159 | Chuang /Isaac | 10/01/18 | 09/30/22 | 14,794 | 309,000 | 144,674 |
| | | 6939669 | C | P060600 | OAC-1839159 | Han /Ruonan | 10/01/18 | 09/30/22 | 141,818 | 345,000 | (867) |
| | | 6939797 | C | P267111 | CHE-1839155 | Englund /Dirk R. | 09/15/18 | 08/31/23 | 73,114 | 293,364 | 53,679 |
| | | 6939798 | C | P165000 | CHE-1839155 | Schlau-Cohen /Gabriela S | 09/15/18 | 08/31/23 | 25,609 | 211,032 | 69,518 |
| | | 6939799 | C | P165000 | CHE-1839155 | Willard /Adam P. | 09/15/18 | 08/31/23 | 52,508 | 173,832 | 4,086 |
| | | 6939858 | C | P267100 | PHY-1806765 | Vuletic /Vladan | 08/01/18 | 07/31/21 | (1,202) | 125,330 | 0 |
| | | 6939902 | C | P151073 | MCB-1844668 | Li /Gene-Wei | 03/01/19 | 02/29/24 | 160,711 | 788,125 | 212,256 |
| | | 6939940 | C | P121012 | OAC-1835443 | Vielma Centeno /Juan Pablo | 01/01/19 | 12/31/23 | 325,659 | 1,740,561 | 1,104,290 |
| | | 6939950 | C | P267111 | OAC-1839159 | Englund /Dirk R. | 07/03/18 | 09/30/22 | 97,591 | 305,450 | 22,230 |
| | | 6940017 | C | P159900 | PHY-1806440 | Winslow /Lindley | 11/01/18 | 07/31/21 | 0 | 19,301 | 0 |
| | | 6940043 | C | P094000 | BCS-1841673 000 | Pesetsky /David | 12/15/18 | 05/31/21 | 1,939 | 10,469 | (0) |
| | | 6940067 | C | P417500 | DMR-1847861 | Metlitski /Maxim A. | 02/01/19 | 01/31/24 | 142,076 | 460,000 | 47,833 |
| | | 6940092 | C | P063007 | EAR-1854564 | Nepf /Heidi | 07/01/19 | 06/30/23 | 88,006 | 407,830 | 143,731 |
| | | 6940120 | C | P060600 | ECCS-1824360 | Chandrakasan /Anantha P | 09/01/18 | 08/31/22 | 64,313 | 306,500 | 53,100 |
| | | 6940136 | C | P062000 | CMMI-1824297 | Doyle /Patrick S | 01/01/19 | 12/31/22 | 38,896 | 305,354 | (0) |
| | | 6940235 | C | P153000 | AGS-1804512 | McGee /William David | 02/01/19 | 01/31/22 | (20) | 103,361 | (0) |
| | | 6940263 | C | P062000 | CBET-1846426 | Kulik /Heather Janine | 06/01/19 | 05/31/24 | 142,448 | 593,678 | 316,363 |
| | | 6940266 | C | P067952 | IIS-1844406 | Mueller /Stefanie | 04/02/19 | 06/30/24 | 98,048 | 413,722 | 102,079 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940277 | C | P159300 | IOS-1845663 | Flavell /Steven Willem | 04/01/19 | 03/31/24 | 121,108 | 663,594 | 258,026 |
| | | 6940286 | C | P039000 | CNS-1844280 | Adib /Fadel | 02/15/19 | 01/31/24 | 106,643 | 516,285 | 184,090 |
| | | 6940297 | C | P159900 | PHY-1904160-001 | Williams /Michael | 03/01/19 | 03/31/24 | 187,318 | 1,443,332 | 962,276 |
| | | 6940301 | C | P154000 | DMS-1845034 | Negut /Andrei | 05/01/19 | 06/30/24 | 0 | 272,753 | 211,978 |
| | | 6940315 | C | P061901 | CBET-1847541 | Roche /Ellen | 06/01/19 | 05/31/24 | 171,789 | 578,083 | 155,924 |
| | | 6940317 | C | P067952 | CCF-1845763 | Shun /Julian | 03/01/19 | 02/29/24 | 20,591 | 459,023 | 381,089 |
| | | 6940395 | C | P068700 | IIS-1846088 | Sra /Suvrit | 03/15/19 | 02/29/24 | 105,146 | 500,000 | 177,776 |
| | | 6940425 | C | P159900 | PHY-1904160 | Williams /Michael | 03/01/19 | 03/31/24 | 174,026 | 1,294,073 | 398,411 |
| | | 6940427 | C | P068700 | IIS-1838071 | Rigollet /Philippe | 12/01/18 | 11/30/22 | 99,311 | 525,000 | 162,148 |
| | | 6940491 | C | P154000 | DMS-1853981 | Borodin /Alexei | 09/01/19 | 08/31/24 | 105,054 | 320,000 | 83,048 |
| | | 6940526 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 05/01/19 | 10/31/20 | 0 | 91,458 | 0 |
| | | 6940527 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 05/01/19 | 06/30/20 | 0 | 99,481 | (0) |
| | | 6940528 | C | P246000 | DMR-1419807 | Beach /Geoffrey Stephen | 05/01/19 | 06/30/20 | 0 | 95,995 | 0 |
| | | 6940588 | C | P159900 | PHY-1904160 | Williams /Michael | 03/01/19 | 03/31/24 | 128,537 | 304,000 | (121,854) |
| | | 6940610 | C | P159900 | PHY-1801996 | Conrad /Janet Marie | 01/31/18 | 04/30/22 | 0 | 24,822 | 0 |
| | | 6940612 | C | P152000 | CHE-1900109 | Ceyer /Sylvia Teresse | 04/01/19 | 04/30/23 | 175,722 | 483,000 | 105,779 |
| | | 6940644 | C | P267111 | OAC-1839159 | Englund /Dirk R. | 07/03/18 | 09/30/22 | 26,340 | 39,550 | (1,749) |
| | | 6940694 | C | P067952 | CCF-1901292 | Daskalakis /Konstantinos | 07/01/19 | 06/30/23 | 18,850 | 600,000 | 464,483 |
| | | 6940698 | C | P417500 | DMR-1911666 | Todadri /Senthil | 06/01/19 | 05/31/23 | 121,858 | 405,000 | 67,348 |
| | | 6940699 | C | P152000 | CHE-1900358 | Van Voorhis /Troy | 06/01/19 | 05/31/22 | 219,270 | 510,000 | 0 |
| | | 6940702 | C | P402000 | CHE-1845464 | Koehler /Angela Nicole | 05/01/19 | 04/30/24 | 263,289 | 799,997 | 296,762 |
| | | 6940710 | C | P061094 | AGS-1914920 | Barrett /Steven R. H. | 06/01/19 | 05/31/22 | 67,557 | 464,371 | 146,436 |
| | | 6940727 | C | P154000 | DMS-1906072 | Miller /Haynes R | 06/01/19 | 05/31/23 | 49,017 | 149,200 | 13,632 |
| | | 6940735 | C | P153000 | AGS-1906719 | Solomon /Susan | 07/01/19 | 06/30/23 | 153,883 | 627,604 | 301,371 |
| | | 6940746 | C | P152000 | DMR-1905164 | Bawendi /Moungi G | 07/01/19 | 06/30/22 | 3,858 | 450,000 | (31) |
| | | 6940758 | C | P159900 | PHY-1912764 | Conrad /Janet Marie | 05/15/19 | 04/30/23 | 365,516 | 919,554 | 14,222 |
| | | 6940759 | C | P154000 | DMS-1904997 | Seidel /Paul Alfred | 07/01/19 | 06/30/22 | 139,007 | 311,892 | (1,712) |
| | | 6940823 | C | P154000 | DMS-1901642-001 | Zhang /Wei | 07/01/19 | 06/30/24 | 136,192 | 496,000 | 184,453 |
| | | 6940824 | C | P152000 | DMR-1905164 | Van Voorhis /Troy | 07/01/19 | 06/30/22 | 4,296 | 30,000 | 10 |
| | | 6940825 | C | P152000 | CHE-1900391 | Danheiser /Rick Lane | 08/01/19 | 07/31/22 | 204,142 | 485,000 | 1,755 |
| | | 6940829 | C | P066000 | DMR-1911792 | Ross /Caroline A | 06/01/19 | 05/31/23 | 146,041 | 500,000 | 83,446 |
| | | 6940850 | C | P153000 | AGS-1906768 | Emanuel /Kerry Andrew | 06/01/19 | 05/31/23 | 238,334 | 562,802 | 8,919 |
| | | 6940853 | C | P153000 | EAR-1903544 | McGee /William David | 08/01/19 | 07/31/22 | 48,871 | 258,807 | 1,142 |
| | | 6940861 | C | P153000 | ICER-1854929 | Emanuel /Kerry Andrew | 06/01/19 | 05/31/23 | 72,219 | 426,473 | 37,689 |
| | | 6940863 | C | P061097 | AGS-1850089 | Cahoy /Kerri | 06/01/19 | 05/31/22 | 121,523 | 343,174 | 25 |
| | | 6940985 | C | P153000 | AGS-1848863 | Solomon /Susan | 07/01/19 | 06/30/23 | 68,081 | 428,618 | 153,360 |
| | | 6941091 | C | P159900 | PHY-1912836 | Williams /Michael | 04/01/19 | 06/30/22 | 214,583 | 450,000 | (1,282) |
| | | 6941095 | C | P152000 | CHE-1900060 | Radosevich /Alexander T. | 07/01/19 | 06/30/22 | 145,269 | 450,000 | (12,107) |
| | | 6941096 | C | P154000 | DMS-1855773 | Lusztig /George | 07/01/19 | 06/30/23 | 106,612 | 195,511 | 6,909 |
| | | 6941097 | C | P067952 | CCF-1909429 | Williams /Virginia | 07/01/19 | 07/31/22 | 59,329 | 500,000 | 2,758 |
| | | 6941108 | C | P152000 | CHE-1904867 | Johnson /Jeremiah A. | 07/01/19 | 06/30/22 | 32,627 | 457,814 | (3,703) |
| | | 6941119 | C | P067952 | DRL-1906636 | Abelson /Harold | 07/01/19 | 06/30/22 | 240,130 | 750,000 | 389,380 |
| | | 6941147 | C | P063007 | CMMI-1917891 | Ben-Akiva /Moshe E | 07/01/19 | 06/30/23 | 119,422 | 400,000 | 47 |
| | | 6941148 | C | P159600 | AST-1828470 | Simcoe /Robert A | 09/01/18 | 09/30/22 | 255,066 | 303,232 | (42,013) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941149 | C | P153000 | EAR-1843686 | Herring /Thomas A | 07/15/19 | 06/30/24 | 85,259 | 413,061 | 196,386 |
| | | 6941168 | C | P153000 | EAR-1925863 | Jagoutz /Oliver E | 08/01/19 | 07/31/22 | 53,286 | 443,175 | 292,251 |
| | | 6941169 | C | P159400 | OCE-1923312 | Woosley /Ryan J. | 07/25/19 | 01/31/23 | 113,718 | 444,514 | 145,670 |
| | | 6941174 | C | P063007 | EAR-1923491 | Harvey /Charles F | 07/15/19 | 06/30/23 | 52,765 | 346,371 | 193,525 |
| | | 6941175 | C | P159600 | AST-1909831 | Vogelsberger /Mark | 09/01/19 | 08/31/22 | 18,606 | 51,603 | 11,952 |
| | | 6941179 | C | P093800 | IIS-1917668 | Reich /Blair Justin F | 07/15/19 | 05/31/23 | 188,039 | 654,543 | 66,981 |
| | | 6941190 | C | P062000 | CBET-1907716 | Strano /Michael S. | 07/15/19 | 06/30/22 | 52,991 | 300,000 | 118 |
| | | 6941191 | C | P153000 | OCE-1924050 | Boyle /Edward A | 08/01/19 | 01/31/23 | 102,017 | 436,231 | 13,935 |
| | | 6941199 | C | P159900 | PHY-1914418 000 | Winslow /Lindley | 08/01/19 | 07/31/23 | 51,298 | 318,947 | 234,742 |
| | | 6941200 | C | P065005 | CMMI-1854833 | Yang /Maria | 08/01/19 | 07/31/23 | 73,772 | 342,228 | 38,713 |
| | | 6941217 | C | P062000 | CHE-1904453 | Strano /Michael S. | 09/01/19 | 08/31/22 | 24,187 | 58,871 | 24,031 |
| | | 6941226 | C | P154000 | DMS-1916120 | Etingof /Pavel I | 08/01/19 | 07/31/22 | 87,924 | 264,750 | 25,896 |
| | | 6941227 | C | P417500 | PHY-1848247 | Fakhri /Nikta | 08/01/19 | 07/31/24 | 147,639 | 570,204 | 33,364 |
| | | 6941238 | C | P093800 | DRL-1934126 | Lee /Irene A. | 11/01/19 | 12/31/22 | 377,680 | 1,514,746 | 570,708 |
| | | 6941268 | C | P062000 | CBET-1936696 | Doyle /Patrick S | 09/01/19 | 08/31/23 | 125,739 | 366,575 | 95,100 |
| | | 6941269 | C | P153000 | EAR-1852946 | Ono /Shuhei | 08/01/19 | 07/31/23 | 45,356 | 302,538 | 127,066 |
| | | 6941273 | C | P267100 | PHY-1915218 | Cappellaro /Paola | 09/01/19 | 08/31/23 | 45,799 | 379,330 | 200,166 |
| | | 6941276 | C | P091020 | SES-1919437 | Olken /Benjamin | 08/15/19 | 07/31/23 | 35,395 | 236,186 | 158,820 |
| | | 6941279 | C | P063007 | CMMI-1933416 | Juanes /Ruben | 09/01/19 | 08/31/22 | 164,631 | 385,481 | 30,473 |
| | | 6941281 | C | P401710 | AST-1909307 | Lonsdale /Colin John | 08/01/19 | 07/31/22 | 170,888 | 630,520 | 216,773 |
| | | 6941304 | C | P153000 | EAR-1902179 | Jagoutz /Oliver E | 08/15/19 | 07/31/22 | 99,899 | 409,903 | 186,690 |
| | | 6941305 | C | P066000 | CMMI-1922206 | Tasan /Cemal | 09/01/19 | 08/31/23 | 0 | 0 | 0 |
| | | 6941306 | C | P417500 | DMR-1922311 | Olivetti /Elsa A | 10/01/19 | 09/30/23 | 124,092 | 789,324 | 562,277 |
| | | 6941328 | C | P063007 | AGS-1936642 | Heald /Colette L. | 12/01/19 | 12/31/22 | 258,459 | 598,754 | 221,511 |
| | | 6941345 | C | P152000 | CHE-1900109 | Ceyer /Sylvia Teresse | 04/01/19 | 04/30/23 | 0 | 17,000 | 5,738 |
| | | 6941356 | C | P267200 | OMA-1936263 | Oliver /William D | 08/01/19 | 07/31/23 | 220,010 | 648,048 | 111,276 |
| | | 6941357 | C | P067952 | CNS-1910676 | Alizadeh Attar /Mohammadreza | 10/01/19 | 09/30/22 | 82,845 | 500,000 | 842 |
| | | 6941376 | C | P401710 | AST-1909307 | Lonsdale /Colin John | 08/01/19 | 07/31/22 | 45,795 | 70,316 | 7,427 |
| | | 6941378 | C | P091000 | SES-1848857 | Caballero /Ricardo J | 08/01/19 | 07/31/23 | 72,511 | 265,000 | 115,269 |
| | | 6941382 | C | P159400 | DEB-1924148 | Selin /Noelle E | 09/01/19 | 02/28/23 | 176,513 | 748,435 | 345,111 |
| | | 6941391 | C | P154000 | DMS-1940092 | Sun /Nike | 06/01/19 | 08/31/23 | 70,549 | 355,005 | 85,788 |
| | | 6941392 | C | P067952 | CNS-1925609 | Leiserson /Charles E | 10/01/19 | 09/30/22 | 285,827 | 1,500,000 | 792,418 |
| | | 6941393 | C | P067952 | CNS-1925583 | Demaine /Erik D | 07/15/19 | 03/31/21 | (9) | 100,000 | (0) |
| | | 6941394 | C | P267200 | IIS-1926930 | Medard /Muriel | 09/01/19 | 08/31/21 | 9,268 | 24,000 | (0) |
| | | 6941425 | C | P067952 | IIS-1900933 | Kraska /Tim | 09/01/19 | 08/31/23 | 210,010 | 1,200,000 | 664,236 |
| | | 6941432 | C | P401710 | AGS-1933005 | Volz /Ryan A | 01/01/20 | 12/31/23 | 123,676 | 735,847 | 411,615 |
| | | 6941475 | C | P267111 | ECCS-1933556 | Englund /Dirk R. | 09/15/19 | 08/31/22 | 90,038 | 234,709 | 6,815 |
| | | 6941476 | C | P267111 | CNS-1946976 | Englund /Dirk R. | 10/01/19 | 09/30/22 | 108,747 | 200,000 | 14,963 |
| | | 6941484 | C | P401710 | AST-1909097 | Kauffmann /Jens | 09/01/19 | 08/31/22 | 175,509 | 520,265 | 82,175 |
| | | 6941534 | C | P154500 | BCS-1921501 | McDermott /Joshua Hartman | 09/01/19 | 08/31/22 | 227,725 | 500,298 | 68,083 |
| | | 6941535 | C | P267200 | OMA-1936263 | Oliver /William D | 08/01/19 | 07/31/23 | 127,008 | 679,952 | 391,361 |
| | | 6941545 | C | P069850 | OMA-1936263 | Jarillo-Herrero /Pablo | 08/01/19 | 07/31/23 | 95,783 | 664,000 | 542,452 |
| | | 6941546 | C | P068700 | CCF-1937501 | Karaman /Sertac | 10/01/19 | 09/30/22 | 87,415 | 500,000 | 78,452 |
| | | 6941553 | C | P066000 | CMMI-1922206 | Tasan /Cemal | 09/01/19 | 08/31/23 | 215,526 | 848,787 | 338,754 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941554 | C | P066000 | CMMI-1922206 | Lebeau /James M | 09/01/19 | 08/31/23 | 56,894 | 243,575 | 73,008 |
| | | 6941555 | C | P066000 | CMMI-1922206 | Li /Ju | 09/01/19 | 08/31/23 | 40,498 | 230,759 | 141,015 |
| | | 6941583 | C | P061094 | OAC-1931391 | Barrett /Steven R. H. | 01/01/20 | 12/31/22 | 197,447 | 507,708 | 154,870 |
| | | 6941588 | C | P093800 | CNS-1923130 | Reich /Blair Justin F | 09/15/19 | 08/31/22 | 198,054 | 299,249 | 13,233 |
| | | 6941592 | C | P067952 | IIS-1900991 | Satyanarayan /Arvind | 09/01/19 | 09/30/24 | 114,319 | 728,500 | 575,928 |
| | | 6941612 | C | P153000 | EAR-1905733 | Andrade Lima /Eduardo | 09/15/19 | 08/31/22 | 13,463 | 223,354 | 3,676 |
| | | 6941619 | C | P068700 | CNS-1907905 | Modiano /Eytan H | 01/01/20 | 12/31/22 | 57,739 | 500,000 | 385,345 |
| | | 6941621 | C | P065005 | EFMA-1935291 | Zhao /Xuanhe | 10/01/19 | 09/30/23 | 186,813 | 1,456,452 | 626,480 |
| | | 6941637 | C | P159900 | OAC-1934700 | Harris /Philip Coleman | 09/01/19 | 08/31/22 | 14,709 | 227,514 | (512) |
| | | 6941641 | C | P267111 | EFMA-1641064 | Englund /Dirk R. | 10/01/16 | 09/30/21 | (927) | 14,060 | 0 |
| | | 6941653 | C | P159600 | OAC-1931469 | Katsavounidis /Erotokritos | 10/01/19 | 09/30/22 | 221,816 | 904,179 | 481,988 |
| | | 6941654 | C | P069201 | CBET-0939511 | Kamm /Roger Dale | 09/01/15 | 08/31/22 | 14,957 | 44,597 | 0 |
| | | 6941666 | C | P165000 | OAC-1940231 | Bathe /Mark | 10/01/19 | 09/30/21 | 41,270 | 334,218 | (0) |
| | | 6941668 | C | P065004 | CNS-1932406 | Annaswamy /Anuradha M | 01/01/20 | 12/31/22 | 66,764 | 222,000 | 100,492 |
| | | 6941682 | C | P065005 | EFMA-1935291 | Roche /Ellen | 10/01/19 | 09/30/23 | 222,365 | 543,548 | 101,821 |
| | | 6941700 | C | P067952 | OAC-1947440 | Kraska /Tim | 09/01/19 | 08/31/21 | 52,802 | 270,912 | (0) |
| | | 6941715 | C | P153000 | EAR-1905733 | Andrade Lima /Eduardo | 09/15/19 | 08/31/22 | 66,486 | 180,220 | 97,379 |
| | | 6941830 | C | P267110 | CCF-1937501 | Sze /Vivienne | 10/01/19 | 09/30/22 | 193,852 | 500,000 | 177,993 |
| | | 6941930 | C | P091000 | SES-2001208 | Morris /Stephen | 07/01/19 | 08/31/21 | 5,660 | 113,866 | 0 |
| | | 6941970 | C | P031000 | CMMI-1854833 | Mueller /Caitlin Tobin | 08/01/19 | 07/31/23 | 130,621 | 334,024 | 13,482 |
| | | 6941971 | C | P065004 | CMMI-1854833 | Kim /Sang-Gook | 08/01/19 | 07/31/23 | 115,627 | 342,354 | 57,325 |
| | | 6942079 | C | P035000 | IIS -2002324 | D'Ignazio /Catherine S | 01/01/20 | 08/31/21 | 9,418 | 30,259 | 0 |
| | | 6942118 | C | P068700 | CNS-1837212 | Karaman /Sertac | 09/01/18 | 09/30/21 | 0 | 21,974 | 0 |
| | | 6942161 | C | P062000 | CBET-1944007 | Manthiram /Karthish | 12/01/19 | 12/31/21 | 3,828 | 202,558 | (0) |
| | | 6942212 | C | P066000 | CHE-1945500 | Ortony /Julia H | 01/01/20 | 12/31/24 | 159,671 | 616,608 | 248,761 |
| | | 6942296 | C | P060600 | OAC-1934700 | Han /Song | 09/01/19 | 08/31/22 | 193,111 | 278,820 | 6,868 |
| | | 6942297 | C | P159600 | OAC-1934700 | Katsavounidis /Erotokritos | 09/01/19 | 08/31/22 | 22,660 | 80,666 | 19,025 |
| | | 6942302 | C | P065004 | CBET-2006299 | Henry /Asegun S | 09/01/19 | 10/31/21 | 1,449 | 152,832 | 0 |
| | | 6942352 | C | P154000 | DMS-1944952 | Collins /Tristan | 09/01/20 | 08/31/25 | 77,601 | 131,333 | 53,732 |
| | | 6942498 | C | P068700 | ECCS-2002570 | Ilic /Marija | 02/01/20 | 01/31/23 | 1,780 | 250,000 | 226,250 |
| | | 6942502 | C | P068700 | CCF-1940205 | Bresler /Guy | 02/01/20 | 01/31/25 | 217,350 | 511,398 | 237,897 |
| | | 6942555 | C | P060600 | CCF-1943349 | Han /Song | 06/15/20 | 05/31/25 | 0 | 300,000 | 295,000 |
| | | 6942573 | C | P063007 | CMMI-1942016 | Cohen /Tal | 03/01/20 | 02/28/25 | 177,033 | 645,440 | 314,029 |
| | | 6942596 | C | P097000 | SES-1947087 | Scheffler /Robin W | 03/01/20 | 02/28/23 | 98,086 | 375,799 | 141,755 |
| | | 6942697 | C | P063007 | AGS-1945871 | Williams /Earle R | 03/01/20 | 02/28/23 | 68,070 | 805,788 | 620,051 |
| | | 6942760 | C | P154000 | DMS-2002579 | Kim /Ju-Lee | 05/01/20 | 04/30/22 | 935 | 10,000 | 0 |
| | | 6942761 | C | P093200 | SES-1941577 | Jones /Graham M | 03/15/20 | 02/28/23 | 6,739 | 18,825 | 8,355 |
| | | 6942763 | C | P401710 | AST-1950348 | Lonsdale /Colin John | 04/01/20 | 03/31/23 | 0 | 70,098 | 50,209 |
| | | 6942764 | C | P097000 | SES-1946917 | Fischer /Michael M. J. | 06/01/20 | 04/30/22 | 7,649 | 8,827 | (0) |
| | | 6942808 | C | P267111 | ECCS-2000743 | Berggren /Karl K | 04/01/20 | 03/31/23 | 120,575 | 383,000 | 91,509 |
| | | 6942811 | C | P267111 | ECCS-1933556 | Englund /Dirk R. | 09/15/19 | 08/31/22 | 3,536 | 7,256 | 0 |
| | | 6942832 | C | P066000 | ECCS-1954606 | Ross /Caroline A | 05/01/20 | 04/30/23 | 20,800 | 225,000 | 14,834 |
| | | 6942852 | C | P039000 | MCB-1943141 | Esvelt /Kevin Michael | 04/15/20 | 03/31/25 | 42,903 | 595,770 | 262,252 |
| | | 6942879 | C | P067952 | IIS-1942659 | Satyanarayan /Arvind | 04/01/20 | 03/31/25 | 87,667 | 326,488 | 209,907 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942882 | C | P062000 | PHY-2026995 | Chakraborty /Arup K | 04/01/20 | 08/31/21 | 11,295 | 99,752 | 0 |
| | | 6942883 | C | P154000 | CCF-1918421 | Mossel /Elchanan | 04/01/20 | 03/31/25 | 71,147 | 145,422 | 25,080 |
| | | 6942885 | C | P067952 | CCF-1918839 | Solar Lezama /Armando | 04/01/20 | 03/31/25 | 582,500 | 2,143,766 | 1,295,844 |
| | | 6942891 | C | P068700 | DMS-1953181 | Rakhlin /Alexander | 06/01/20 | 05/31/23 | 0 | 200,000 | 179,983 |
| | | 6942897 | C | P154000 | DMS-1953946 | Jiang /Zilin | 06/01/20 | 05/31/23 | 0 | 48,505 | 13,200 |
| | | 6942912 | C | P067952 | CNS-1955270 | Devadas /Srinivas | 10/01/20 | 09/30/24 | 13,325 | 150,000 | 136,675 |
| | | 6942974 | C | P154000 | DMS-1955614 | Hintz /Peter | 07/01/20 | 01/31/22 | 0 | 74,416 | 0 |
| | | 6942978 | C | P267111 | ECCS-1933556 | Englund /Dirk R. | 09/15/19 | 10/15/21 | 0 | 20,535 | 0 |
| | | 6942979 | C | P154000 | DMS-1954455 | Lawrie /Andrew W | 07/01/20 | 06/30/23 | 71,495 | 168,824 | 25,764 |
| | | 6943001 | C | P154000 | DMS-2001318 | Etingof /Pavel I | 09/01/20 | 08/31/25 | 105,933 | 346,271 | 215,182 |
| | | 6943002 | C | P063007 | CBET-2026225 | Bourouiba /Lydia | 04/15/20 | 03/31/22 | 53,799 | 200,000 | (0) |
| | | 6943074 | C | P154000 | DMS-1953945 | Sheffield /Scott Roger | 07/01/20 | 06/30/23 | 62,819 | 172,713 | 70,429 |
| | | 6943119 | C | P154000 | DMS-2005345 | Minicozzi /William | 08/01/20 | 07/31/23 | 190,010 | 589,466 | 347,247 |
| | | 6943124 | C | P267500 | CBET-2001231 | Kim /Jeehwan | 05/15/20 | 04/30/23 | 176,810 | 450,000 | 181,916 |
| | | 6943133 | C | P062000 | CHE-2029751 | Olsen /Bradley D. | 05/01/20 | 06/30/22 | 21,943 | 100,000 | 321 |
| | | 6943137 | C | P067952 | CNS-2031115 | Clark /David D | 05/01/20 | 09/30/22 | 751 | 89,292 | 8 |
| | | 6943143 | C | P122070 | SES-1944138 | Palmer /Christopher John | 05/01/20 | 04/30/25 | 167,102 | 320,000 | 97,372 |
| | | 6943144 | C | P159900 | OAC-2004645 | Williams /Michael | 07/01/20 | 06/30/23 | 96,470 | 310,000 | 178,501 |
| | | 6943200 | C | P153000 | EAR-1948453 | Pec /Matej | 05/15/20 | 04/30/23 | 114,065 | 387,146 | 163,543 |
| | | 6943246 | C | P165000 | CCF-1956054 | Bathe /Mark | 05/01/20 | 04/30/24 | 271,129 | 329,435 | (58,587) |
| | | 6943256 | C | P401710 | AGS-1952737 | Erickson /Philip J | 05/01/20 | 04/30/25 | 1,836,627 | 6,466,375 | 2,342,400 |
| | | 6943292 | C | P153000 | OPP-1853918 | Minchew /Brent Morton | 06/01/20 | 05/31/23 | 284,481 | 521,780 | 165,840 |
| | | 6943300 | C | P067952 | CCF-1918839 | Barzilay /Regina | 04/01/20 | 03/31/25 | 2,250 | 382,595 | 371,355 |
| | | 6943301 | C | P067952 | CCF-1918839 | Rinard /Martin C | 04/01/20 | 03/31/25 | 7,533 | 31,600 | 24,067 |
| | | 6943302 | C | P067952 | CCF-1918839 | Carbin /Michael James | 04/01/20 | 03/31/25 | 83,863 | 341,062 | 165,688 |
| | | 6943303 | C | P067952 | CCF-1918839 | Jaakkola /Tommi S | 04/01/20 | 03/31/25 | 155,389 | 382,565 | 184,757 |
| | | 6943314 | C | P165000 | PHY-2033046 | Ribbeck /Katharina | 06/01/20 | 06/30/22 | 41,450 | 194,718 | (1,228) |
| | | 6943331 | C | P267110 | CNS-2002908 | Zheng /Lizhong | 08/01/20 | 07/31/23 | 98,493 | 269,854 | 116,296 |
| | | 6943339 | C | P063007 | DEB-2024349 | Saavedra Sanchez /Serguei | 06/15/20 | 02/28/23 | 79,661 | 199,298 | 30,523 |
| | | 6943341 | C | P039000 | CNS-2032704 | Adib /Fadel | 06/01/20 | 08/31/21 | 16,512 | 100,000 | (0) |
| | | 6943357 | C | P069850 | DMR-1554891 | Checkelsky /Joseph | 06/01/20 | 07/31/21 | 10,727 | 31,044 | 0 |
| | | 6943381 | C | P267200 | IIS-1954886 | Reed /Charlotte M | 06/15/20 | 05/31/23 | 73,141 | 250,000 | 99,494 |
| | | 6943418 | C | P153000 | EAR-2022928 | Pec /Matej | 08/01/20 | 08/31/23 | 65,831 | 160,938 | 69,185 |
| | | 6943419 | C | P060600 | IIS-2027266 | Han /Song | 06/15/20 | 05/31/21 | (3,078) | 125,000 | 0 |
| | | 6943420 | C | P152000 | CHE-1955612 | Cummins /Christopher C | 05/03/20 | 07/31/23 | 156,232 | 464,794 | 136,396 |
| | | 6943421 | C | P121012 | DMS-2015517 | Gamarnik /David | 09/01/20 | 08/31/23 | 88,743 | 200,000 | 105,434 |
| | | 6943424 | C | P062000 | CHE-1955628 | Manthiram /Karthish | 05/01/20 | 01/31/22 | 23,371 | 127,914 | (0) |
| | | 6943425 | C | P065005 | CBET-2027870 | McKinley /Gareth H | 07/01/20 | 08/31/23 | 89,780 | 235,455 | 69,660 |
| | | 6943426 | C | P068000 | CBET-2019245 | Bucci /Matteo | 09/01/20 | 08/31/23 | 107,497 | 300,000 | 71,517 |
| | | 6943428 | C | P067952 | IIS-1955697 | Matusik /Wojciech | 10/01/20 | 09/30/22 | 43,165 | 125,000 | 3,296 |
| | | 6943471 | C | P067952 | CCF-2006664 | Rubinfeld /Ronitt | 07/01/20 | 06/30/23 | 78,818 | 300,000 | 134,501 |
| | | 6943472 | C | P153000 | EAR-2021677 | Pec /Matej | 07/01/20 | 08/31/23 | 78,406 | 277,084 | 164,190 |
| | | 6943473 | C | P067952 | CCF-2003830 | Lynch /Nancy Ann | 07/01/20 | 06/30/23 | 48,067 | 349,407 | 251,424 |
| | | 6943474 | C | P154000 | DMS-1952706 | Dunkel /Joern | 07/01/20 | 06/30/23 | 20,249 | 120,000 | 45,920 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943481 | C | P067952 | CCF-1955864 | Freeman /William T | 07/01/20 | 06/30/24 | 181,722 | 600,000 | 340,849 |
| | | 6943484 | C | P165000 | PHY-2033046 | Ribbeck /Katharina | 06/01/20 | 06/30/21 | 2,185 | 37,647 | (0) |
| | | 6943518 | C | P039000 | DRL_2005702 | Rusk /Natalie | 09/01/20 | 08/31/23 | 252,235 | 451,034 | 135,619 |
| | | 6943519 | C | P159900 | PHY-2011905 | Engelhardt /Netta | 07/15/20 | 06/30/23 | 38,439 | 240,000 | 114,416 |
| | | 6943522 | C | P159600 | AST-2007355 | Vogelsberger /Mark | 09/01/20 | 08/31/23 | 133,733 | 319,440 | 185,707 |
| | | 6943549 | C | P122070 | SES-1948692 | Bonatti /Alessandro | 08/01/20 | 07/31/23 | 50,539 | 229,885 | 131,888 |
| | | 6943571 | C | P417500 | DMR-2022428 | Wen /Xiao-Gang | 08/15/20 | 07/31/24 | 96,440 | 360,000 | 185,757 |
| | | 6943580 | C | P065004 | CCF-2007674 | Del Vecchio /Domitilla | 08/01/20 | 07/31/23 | 101,865 | 460,721 | 284,319 |
| | | 6943592 | C | P095500 | SES-2017315 | Kim /In Song | 08/01/20 | 07/31/23 | 108,235 | 432,731 | 261,801 |
| | | 6943596 | C | P267500 | ECCS-2012258 | Hu /Qing | 08/01/20 | 07/31/23 | 122,086 | 304,004 | (9,465) |
| | | 6943634 | C | P068000 | CMMI-2026444 | Osterman /Paul | 10/01/20 | 09/30/22 | (3,593) | 150,000 | 92,069 |
| | | 6943635 | C | P067952 | ECCS-2023468 | Ghobadi /Manya | 08/15/20 | 07/31/23 | 184,890 | 325,000 | 109,481 |
| | | 6943644 | C | P154500 | BCS-2020840 | Gibson /Edward A | 08/01/20 | 01/31/23 | 36,474 | 278,656 | 232,351 |
| | | 6943645 | C | P060600 | ECCS-2028824 | Han /Ruonan | 09/01/20 | 08/31/22 | 67,662 | 167,500 | 82,565 |
| | | 6943651 | C | P068000 | DMR-1923976 | Li /Ju | 09/01/20 | 08/31/23 | 225,706 | 303,000 | (2,106) |
| | | 6943652 | C | P067952 | IIS-2033792 | Kraska /Tim | 04/01/20 | 05/31/22 | 111,129 | 334,537 | 221,867 |
| | | 6943653 | C | P039000 | SMA-2022413 | Wood /Danielle Renee | 08/01/20 | 07/31/23 | 98,941 | 475,000 | 259,647 |
| | | 6943672 | C | P401710 | OPP-1931131 | Elosegui /Pedro | 08/01/20 | 07/31/23 | 24,258 | 520,985 | 490,433 |
| | | 6943673 | C | P159600 | PHY-2012088 | Mavalvala /Nergis | 08/01/20 | 07/31/23 | 210,012 | 688,214 | 345,987 |
| | | 6943677 | C | P152000 | CHE-1955612 | Cummins /Christopher C | 01/01/20 | 05/02/20 | 0 | 30,206 | 0 |
| | | 6943681 | C | P159600 | AST-2008031 | Masui /Kiyoshi | 09/01/20 | 08/31/23 | 116,385 | 400,421 | 194,996 |
| | | 6943683 | C | P154000 | CNS-1813087 | Etingof /Pavel I | 09/01/19 | 08/31/21 | 9,468 | 32,996 | 0 |
| | | 6943685 | C | P154000 | CCR-1822920 | Etingof /Pavel I | 10/01/19 | 09/30/21 | 1,156 | 42,002 | 0 |
| | | 6943705 | C | P067952 | CCF-2006798 | Indyk /Piotr | 10/01/20 | 09/30/23 | 44,246 | 200,000 | 73,228 |
| | | 6943706 | C | P067952 | CCF-1955217 | Kelner /Jonathan Adam | 10/01/20 | 09/30/24 | 146,968 | 364,843 | 215,135 |
| | | 6943707 | C | P066000 | DMR-2004556 | Dao /Ming | 08/15/20 | 07/31/23 | 30,566 | 246,675 | 173,131 |
| | | 6943708 | C | P068000 | CBET-2034902 | Li /Ju | 10/15/20 | 09/30/23 | 158,716 | 350,736 | 15,903 |
| | | 6943709 | C | P400600 | IIS-2035018 | Chen /Qian | 10/01/20 | 12/31/21 | 114,861 | 200,000 | (947) |
| | | 6943740 | C | P066000 | DMR-2002860 | Schuh /Christopher A | 08/15/20 | 07/31/23 | 95,097 | 425,518 | 290,904 |
| | | 6943741 | C | P061094 | DMR-2004913 | Cordero /Zachary Copoulos | 08/15/20 | 07/31/23 | 149,023 | 498,307 | 273,561 |
| | | 6943757 | C | P039000 | ECCS-2026344 | Dagdeviren /Canan | 09/01/20 | 08/31/23 | 154,333 | 349,997 | 86,387 |
| | | 6943758 | C | P068700 | CCF-1956211 | Win /Moe Z | 10/01/20 | 09/30/24 | 197,741 | 850,000 | 626,816 |
| | | 6943759 | C | P065004 | DMS-2004589 | Akylas /Triantaphyllos R | 09/01/20 | 08/31/23 | 83,193 | 342,000 | 222,505 |
| | | 6943760 | C | P066000 | ECCS-2023987 | Hu /Juejun | 09/01/20 | 08/31/23 | 109,504 | 310,000 | 115,967 |
| | | 6943763 | C | P400600 | DRL-2024679 | Ajemian /Robert J | 09/01/20 | 08/31/23 | 89,720 | 252,595 | 135,861 |
| | | 6943769 | C | P267100 | PHY-2012110 | Zwierlein /Martin Wolfram | 08/15/20 | 07/31/25 | 213,671 | 384,735 | 14,167 |
| | | 6943798 | C | P061094 | OPP-1931131 | Hoffman /Jeffrey A | 08/01/20 | 07/31/23 | 166,880 | 346,449 | 142,406 |
| | | 6943806 | C | P066000 | ECCS-2028199 | Ross /Caroline A | 09/01/20 | 08/31/23 | 0 | 0 | 0 |
| | | 6943859 | C | P159900 | PHY-2035015 | Shanahan /Phiala E | 08/15/20 | 07/31/22 | 146,066 | 200,000 | 9,414 |
| | | 6943860 | C | P065004 | MCB-2027165 | Gopinath /Ashwin | 09/01/20 | 08/31/23 | 317,974 | 1,500,000 | 1,042,584 |
| | | 6943863 | C | P067952 | CNS-2006827 | Alizadeh Attar /Mohammadreza | 10/01/20 | 09/30/22 | 114,511 | 250,000 | 24,303 |
| | | 6943871 | C | P065004 | CMMI-2021625 | Asada /Haruhiko | 09/01/20 | 08/31/23 | 126,433 | 478,947 | 243,453 |
| | | 6943876 | C | P067952 | OAC-2041897 | Thompson /Neil | 01/01/21 | 06/30/22 | 186,155 | 359,772 | (904) |
| | | 6943881 | C | P065004 | MCB-2027949 | Del Vecchio /Domitilla | 09/01/20 | 08/31/24 | 66,605 | 915,000 | 770,417 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943883 | C | P153000 | OCE-2023520 | Marshall /John C | 09/01/20 | 08/31/23 | 37,321 | 299,846 | 250,948 |
| | | 6943885 | C | P093200 | BCS-2016404 | Paxson /Heather Anne | 09/01/20 | 08/31/22 | 19,384 | 29,668 | 3,831 |
| | | 6943887 | C | P401710 | AGS-2033787 | Zhang /Shun-Rong | 01/01/21 | 12/31/23 | 62,610 | 320,000 | 215,129 |
| | | 6943888 | C | P068700 | CCF-2029016 | Broderick /Tamara A | 10/01/20 | 09/30/22 | 46,849 | 42,053 | (4,795) |
| | | 6943891 | C | P067952 | IIS-2014391 | Katabi /Dina | 10/01/20 | 09/30/24 | 10,930 | 400,000 | 389,070 |
| | | 6943903 | C | P067952 | CNS-2008624 | Ghobadi /Manya | 10/01/20 | 09/30/23 | 42,539 | 166,750 | 117,768 |
| | | 6943940 | C | P401710 | ECCS-2029670 | Lind /Frank David | 01/01/21 | 12/31/23 | 170,937 | 779,720 | 550,635 |
| | | 6943943 | C | P243020 | PHY-2010136 | Gomes Loureiro /Nuno F | 09/01/20 | 08/31/23 | 105,557 | 302,354 | 115,960 |
| | | 6943946 | C | P069850 | DMR-1743059 | Checkelsky /Joseph | 03/15/17 | 09/25/21 | 156 | 10,973 | 0 |
| | | 6943947 | C | P069201 | OIA-2021069 | Weiss /Ron | 09/01/20 | 08/31/22 | 87,085 | 250,000 | 97,415 |
| | | 6943948 | C | P159900 | PHY-2019786 | Thaler /Jesse | 11/01/20 | 04/30/26 | 3,065,771 | 7,779,697 | 4,138,282 |
| | | 6943970 | C | P060600 | CCF-2028888 | Han /Song | 10/01/20 | 09/30/23 | 1,365 | 100,000 | 91,698 |
| | | 6943971 | C | P243021 | OIA-2040620 | Moodera /Jagadeesh | 09/15/20 | 09/30/21 | 133,221 | 638,815 | 0 |
| | | 6943972 | C | P091000 | SES-1951056 | Fudenberg /Drew | 09/01/20 | 08/31/23 | 147,556 | 262,992 | 77,696 |
| | | 6943973 | C | P065004 | IIS-2006152 | Jones /Lynette A | 10/01/20 | 09/30/23 | 206,229 | 500,000 | 142,615 |
| | | 6943974 | C | P061096 | PHY-2028125 | Linares /Richard | 09/01/20 | 08/31/23 | 321,041 | 1,605,503 | 1,193,539 |
| | | 6943976 | C | P063007 | CMMI-2039771 | Amin /Saurabh | 01/01/21 | 12/31/25 | 102,272 | 1,000,000 | 871,802 |
| | | 6944003 | C | P063007 | CMMI-2045417 | Carstensen /Josephine V | 06/01/21 | 05/31/26 | 71,769 | 560,000 | 470,529 |
| | | 6944012 | C | P061093 | PHY-2028125 | Peraire /Jaime | 09/01/20 | 08/31/23 | 214,509 | 452,386 | 111,686 |
| | | 6944013 | C | P061097 | PHY-2028125 | Marzouk /Youssef M | 09/01/20 | 08/31/23 | 114,281 | 231,300 | 110,857 |
| | | 6944014 | C | P067952 | PHY-2028125 | Edelman /Alan | 09/01/20 | 08/31/23 | 93,330 | 240,000 | 131,150 |
| | | 6944015 | C | P401710 | PHY-2028125 | Erickson /Philip J | 09/01/20 | 08/31/23 | 105,063 | 261,311 | 83,791 |
| | | 6944016 | C | P067952 | DMS-2022448 | Indyk /Piotr | 09/01/20 | 08/31/25 | 627,766 | 1,803,522 | 1,044,491 |
| | | 6944021 | C | P267200 | OIA-2040620 | Oliver /William D | 09/15/20 | 09/30/21 | 58,857 | 91,834 | (0) |
| | | 6944022 | C | P417500 | OIA-2040620 | Lee /Patrick A | 09/15/20 | 09/30/21 | 54,352 | 54,352 | 0 |
| | | 6944031 | C | P067952 | CNS-1955370 | Alizadeh Attar /Mohammadreza | 10/01/20 | 09/30/23 | 68,779 | 175,000 | 31,796 |
| | | 6944044 | C | P066000 | ECCS-2028199 | Ross /Caroline A | 09/01/20 | 08/31/23 | 114,349 | 250,000 | 44,220 |
| | | 6944045 | C | P066000 | ECCS-2028199 | Hu /Juejun | 09/01/20 | 08/31/23 | 92,910 | 250,000 | 73,938 |
| | | 6944052 | C | P062000 | OIA-2040636 | Olsen /Bradley D. | 09/15/20 | 11/30/21 | 162,405 | 431,220 | (0) |
| | | 6944055 | C | P159600 | PHY-2019786 | Barsotti /Lisa | 11/01/20 | 10/31/25 | 41,206 | 66,242 | 25,036 |
| | | 6944056 | C | P267500 | PHY-2019786 | Soljacic /Marin | 11/01/20 | 10/31/25 | 26,183 | 54,426 | 28,243 |
| | | 6944057 | C | P267500 | PHY-2019786 | Chuang /Isaac | 11/01/20 | 10/31/25 | 4,568 | 43,938 | 18,603 |
| | | 6944058 | C | P067952 | PHY-2019786 | Freeman /William T | 11/01/20 | 10/31/25 | 51,554 | 56,497 | 4,943 |
| | | 6944064 | C | P067952 | CCF-2029016 | Carbin /Michael James | 10/01/20 | 09/30/22 | 38,621 | 40,864 | (0) |
| | | 6944065 | C | P267110 | CCF-2029016 | Sze /Vivienne | 10/01/20 | 09/30/22 | (8,066) | 42,082 | 9,532 |
| | | 6944078 | C | P069200 | MCB-2027949 | Weiss /Ron | 09/01/20 | 08/31/24 | 197,924 | 285,000 | (17,826) |
| | | 6944080 | C | P067952 | IIS-2008116 | Mueller /Stefanie | 10/01/20 | 09/30/23 | 58,171 | 358,000 | 244,741 |
| | | 6944218 | C | P062000 | OIA-2040636 | Olsen /Bradley D. | 09/15/20 | 11/30/21 | 4,691 | 36,062 | 0 |
| | | 6944219 | C | P062000 | OIA-2040636 | Olsen /Bradley D. | 09/15/20 | 11/30/21 | 133,486 | 392,717 | 0 |
| | | 6944220 | C | P067952 | OIA-2040636 | Barzilay /Regina | 09/15/20 | 11/30/21 | 69,705 | 69,705 | (0) |
| | | 6944221 | C | P067952 | OIA-2040636 | Jegelka /Stefanie Sabrina | 09/15/20 | 11/30/21 | 36,264 | 70,296 | (0) |
| | | 6944234 | C | P267500 | ECCS-2012258 | Hu /Qing | 08/01/20 | 07/31/23 | 0 | 115,996 | 115,996 |
| | | 6944273 | C | P154000 | DMS-2100157 | Sauermann /Lisa | 09/01/20 | 05/31/23 | 76,210 | 110,866 | 34,656 |
| | | 6944292 | C | P065005 | CBET-2027870 | McKinley /Gareth H | 07/01/20 | 08/31/22 | 1,356 | 12,000 | 5,467 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944346 | C | P067952 | ECCS-2029670 | Edelman /Alan | 01/01/21 | 12/31/23 | 185,405 | 480,000 | 294,595 |
| | | 6944400 | C | P267200 | CNS-2008624 | Medard /Muriel | 10/01/20 | 09/30/23 | 84,809 | 166,750 | 47,553 |
| | | 6944484 | C | P067952 | DMS-2022448 | Indyk /Piotr | 09/01/20 | 08/31/25 | 4,090 | 10,000 | 146 |
| | | 6944518 | C | P153000 | EAR-2103408 | Frank /William B | 07/03/20 | 10/31/22 | 140,497 | 246,293 | 2,696 |
| | | 6944529 | C | P152000 | MCB-2042362 | Zhang /Bin | 02/01/21 | 01/31/26 | 257,018 | 645,000 | 323,445 |
| | | 6944565 | C | P267111 | EFMA-1641064 | Englund /Dirk R. | 10/01/16 | 09/30/21 | 4,525 | 5,040 | 0 |
| | | 6944577 | C | P418102 | MCB-2046778 | Davis /Joseph Harry | 03/01/21 | 02/28/26 | 263,518 | 494,762 | 206,146 |
| | | 6944660 | C | P121012 | OAC-2053626 | Rand /David Gertler | 10/01/20 | 09/30/21 | 145,831 | 397,585 | (0) |
| | | 6944697 | C | P069201 | MCB-2036037 | Hansen /Anders Sejr | 02/01/21 | 01/31/24 | 180,146 | 760,000 | 474,261 |
| | | 6944698 | C | P093800 | DRL-2048746 | Lee /Irene A. | 03/01/21 | 06/30/23 | 352,718 | 1,217,009 | 805,006 |
| | | 6944711 | C | P067952 | IIS-1955697 | Solomon /Justin | 10/01/20 | 09/30/22 | 7,356 | 125,000 | 117,644 |
| | | 6944712 | C | P067952 | IIS-1955697 | Mueller /Stefanie | 10/01/20 | 09/30/22 | 58,135 | 125,000 | 54,441 |
| | | 6944715 | C | P063007 | OCE-2048470 | Berube /Paul M. | 03/01/21 | 02/29/24 | 171,760 | 595,865 | 409,867 |
| | | 6944740 | C | P035000 | CNS-2043385 | Ferreira /Joseph | 01/15/21 | 09/30/21 | 26,356 | 49,994 | 0 |
| | | 6944784 | C | P060600 | ECCS-2028824 | Chandrakasan /Anantha P | 09/01/20 | 08/31/22 | 34,628 | 132,500 | 95,075 |
| | | 6944809 | C | P153000 | AGS-2031472 | O'Gorman /Paul | 02/01/21 | 01/31/24 | 125,818 | 440,059 | 287,743 |
| | | 6944810 | C | P154000 | DMS-2044606 | Zhao /Yufei | 07/01/21 | 06/30/26 | 39,725 | 76,511 | 36,786 |
| | | 6944867 | C | P159900 | PHY-2019786 | Soljacic /Marin | 11/01/20 | 10/31/25 | 156,019 | 174,200 | (18,111) |
| | | 6944884 | C | P067952 | CNS-2046359 | Yan /Mengjia | 02/15/21 | 01/31/26 | 27,227 | 194,545 | 167,318 |
| | | 6944885 | C | P065004 | CBET-2045868 | Gallant /Betar Maurkah | 03/01/21 | 02/28/26 | 17,422 | 323,457 | 306,035 |
| | | 6944888 | C | P095500 | SES-2047152 | Berinsky /Adam | 07/01/21 | 06/30/23 | 207,991 | 737,381 | 529,390 |
| | | 6944904 | C | P068700 | ECCS-2114439 | Dahleh /Munther A | 06/01/21 | 11/30/22 | 130,080 | 150,000 | 19,920 |
| | | 6944906 | C | P068700 | CNS-2044973 | Carlone /Luca | 03/15/21 | 02/28/26 | 99,818 | 222,900 | 121,573 |
| | | 6944916 | C | P159600 | PHY-2045740 | Vitale /Salvatore | 08/01/21 | 07/31/26 | 45,779 | 458,800 | 413,021 |
| | | 6944943 | C | P062000 | MCB-2041555 | Stephanopoulos /Gregory | 03/01/21 | 02/29/24 | 21,380 | 367,636 | 340,564 |
| | | 6944953 | C | P094000 | BCS-2016895 | Aravind /Athulya | 03/01/21 | 08/31/24 | 74,256 | 150,945 | 76,689 |
| | | 6945008 | C | P067952 | DMS-2103933 | Solomon /Justin | 03/15/21 | 02/28/22 | 5,892 | 5,892 | (0) |
| | | 6945022 | C | P122070 | SES-2049263 | Li /Jing | 03/01/21 | 02/29/24 | 6,296 | 189,924 | 181,234 |
| | | 6945056 | C | P062000 | MCB-2044895 | Chakraborty /Arup K | 03/15/21 | 02/28/26 | 241,643 | 3,092,751 | 2,841,588 |
| | | 6945058 | C | P039000 | ECCS-2044688 | Dagdeviren /Canan | 03/15/21 | 02/28/26 | 48,094 | 391,691 | 334,387 |
| | | 6945078 | C | P067952 | OAC-2103799 | Madden /Samuel R | 05/01/21 | 04/30/24 | 276,228 | 340,000 | 47,475 |
| | | 6945115 | C | P159900 | PHY-1912764 | Conrad /Janet Marie | 05/01/21 | 04/30/23 | 45,692 | 78,270 | 32,578 |
| | | 6945117 | C | P159900 | PHY-1806251 | Formaggio /Joseph A | 09/01/18 | 02/28/22 | 53,540 | 53,540 | 0 |
| | | 6945137 | C | P039000 | CNS-2115149 | Raskar /Ramesh | 04/01/21 | 03/31/23 | 16,024 | 200,000 | 183,976 |
| | | 6945138 | C | P154000 | DMS-2055531 | Zhuang /Ziquan | 07/01/21 | 06/30/24 | 55,225 | 154,701 | 99,476 |
| | | 6945146 | C | P154000 | DMS-2101040 | Poonen /Bjorn | 09/01/21 | 08/31/24 | 0 | 116,517 | 116,517 |
| | | 6945161 | C | P067952 | CNS-2104398 | Belay /Adam M | 05/01/21 | 04/30/24 | 148,116 | 259,462 | 111,346 |
| | | 6945167 | C | P154000 | DMS-2101507 | Bezrukavnikov /Roman | 06/01/21 | 05/31/26 | 75,898 | 131,283 | 14,855 |
| | | 6945173 | C | P153000 | EAR-2044806 | Andrade Lima /Eduardo | 04/15/21 | 03/31/24 | 119,708 | 330,177 | 210,469 |
| | | 6945250 | C | P122070 | SES-2049895 | Kala /Namrata | 06/01/21 | 05/31/23 | 144,641 | 249,998 | 105,357 |
| | | 6945252 | C | P153000 | AGS-2102976 | McGee /William David | 07/01/21 | 06/30/24 | 25,253 | 164,055 | 138,802 |
| | | 6945256 | C | P152000 | CHE-2102669 | Surendranath /Yogesh | 04/01/21 | 06/30/24 | 315,651 | 475,000 | 157,290 |
| | | 6945275 | C | P267111 | PHY-1734011 | Englund /Dirk R. | 09/01/17 | 08/31/22 | 11,404 | 22,428 | 9,605 |
| | | 6945280 | C | P069850 | DMR-1751739 | Comin /Riccardo | 04/01/21 | 08/31/22 | 11,585 | 13,854 | 59 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945346 | C | P063007 | IOS-2035181 | Chisholm /Sallie W | 05/01/21 | 04/30/23 | 225,679 | 550,000 | 321,552 |
| | | 6945347 | C | P154000 | DMS-2104349 | Colding /Tobias | 08/01/21 | 07/31/24 | 62,405 | 253,350 | 190,945 |
| | | 6945348 | C | P268001 | DMR-2104912 | Liu /Luqiao | 09/01/21 | 08/31/24 | 6,545 | 408,000 | 401,455 |
| | | 6945349 | C | P039000 | CNS-2129970 | Raskar /Ramesh | 05/01/21 | 04/30/23 | 376 | 26,972 | 26,596 |
| | | 6945391 | C | P154000 | CCF-2106377 | Rigollet /Philippe | 06/01/21 | 05/31/24 | 0 | 341,423 | 341,423 |
| | | 6945393 | C | P154000 | DMS-2105512 | Mrowka /Tomasz S | 07/01/21 | 06/30/24 | 168,973 | 159,814 | (9,159) |
| | | 6945395 | C | P267111 | CCF-2107373 | Daniel /Luca | 07/15/21 | 06/30/25 | 26,818 | 151,567 | 124,749 |
| | | 6945400 | C | P152000 | DMR-2105495 | Dinca /Mircea | 06/01/21 | 05/31/26 | 34,070 | 480,000 | 445,332 |
| | | 6945438 | C | P152000 | CHE-2108357 | Bawendi /Moungi G | 07/01/21 | 06/30/24 | 233,186 | 480,000 | 246,814 |
| | | 6945439 | C | P069201 | MCB-2116037 | Weiss /Ron | 06/01/21 | 05/31/24 | 145,686 | 798,168 | 652,482 |
| | | 6945475 | C | P091000 | SES-2049744 | Morris /Stephen | 05/01/21 | 07/31/24 | 133,906 | 245,721 | 111,815 |
| | | 6945478 | C | P159600 | PHY-2012088 | Mavalvala /Nergis | 04/01/21 | 07/31/23 | 10,536 | 59,791 | 46,555 |
| | | 6945479 | C | P159600 | PHY-2012088 | Mavalvala /Nergis | 04/01/21 | 07/31/23 | 13,212 | 32,000 | 12,387 |
| | | 6945496 | C | P067952 | CCF-2129139 | Williams /Virginia | 06/01/21 | 05/31/24 | 328,158 | 500,000 | 171,842 |
| | | 6945503 | C | P154000 | DMS-2054129 | Postnikov /Alexander | 06/01/21 | 06/30/24 | 10,612 | 300,000 | 284,019 |
| | | 6945551 | C | P067952 | CCF-2123864 | Zeldovich /Nickolai | 10/01/21 | 09/30/25 | 344,910 | 500,000 | 155,090 |
| | | 6945553 | C | P067952 | IIS-2105819 | Durand /Frederic | 07/01/21 | 06/30/25 | 120,002 | 400,000 | 279,998 |
| | | 6945566 | C | P063007 | CHE-2108811 | Kroll /Jesse | 07/01/21 | 06/30/24 | 167,203 | 549,147 | 381,944 |
| | | 6945608 | C | P067952 | CCF-2127597 | Williams /Richard Ryan | 10/01/21 | 09/30/24 | 205,820 | 499,999 | 294,179 |
| | | 6945615 | C | P153000 | EAR-2054414 | Pec /Matej | 07/01/21 | 06/30/24 | 70,537 | 159,306 | 88,769 |
| | | 6945673 | C | P154000 | DMS-2052651 | Staffilani /Gigliola | 07/01/21 | 06/30/24 | 117,750 | 407,014 | 289,264 |
| | | 6945675 | C | P067952 | OIA-2132318 | Cafarella /Michael J | 05/01/21 | 08/31/22 | 483,006 | 1,035,169 | 552,163 |
| | | 6945697 | C | P067952 | IIP-2044424 | Amarasinghe /Saman P | 07/15/21 | 06/30/23 | 152,568 | 250,000 | 97,432 |
| | | 6945698 | C | P062000 | CBET-2124194 | Strano /Michael S. | 08/01/21 | 07/31/24 | 120,024 | 136,484 | 16,460 |
| | | 6945699 | C | P062000 | CBET-2034742 | Smith /Zachary P | 07/15/21 | 06/30/24 | 48,353 | 260,002 | 211,649 |
| | | 6945700 | C | P267500 | CMMI-2135846 | Niroui /Farnaz | 07/01/21 | 08/31/22 | 145,339 | 185,595 | 40,256 |
| | | 6945701 | C | P159900 | PHY-2110720 | Winslow /Lindley | 08/01/21 | 07/31/24 | 150,071 | 466,437 | 316,366 |
| | | 6945702 | C | P159600 | PHY-2110384 | Hughes /Scott A | 04/15/21 | 06/30/24 | 128,679 | 236,004 | 107,325 |
| | | 6945710 | C | P154500 | BCS-2116918 | Levy /Roger P | 08/01/21 | 07/31/23 | 7,049 | 18,244 | 11,195 |
| | | 6945711 | C | P159900 | PHY-2110569 | Formaggio /Joseph A | 08/01/21 | 07/31/24 | 47,894 | 615,000 | 567,106 |
| | | 6945713 | C | P268001 | CCF-2106711 | Han /Song | 07/15/21 | 06/30/24 | 0 | 200,000 | 200,000 |
| | | 6945721 | C | P062000 | MCB-2044895 | Chakraborty /Arup K | 03/15/21 | 02/28/26 | 135,522 | 452,525 | 317,003 |
| | | 6945724 | C | P062000 | MCB-2044895 | Chakraborty /Arup K | 03/15/21 | 02/28/26 | 25,889 | 204,724 | 178,835 |
| | | 6945733 | C | P153000 | AGS-2102975 | McGee /William David | 07/15/21 | 06/30/24 | 22,451 | 258,922 | 236,471 |
| | | 6945755 | C | P153000 | AGS-2128617 | Solomon /Susan | 09/01/21 | 08/31/24 | 70,470 | 661,673 | 591,203 |
| | | 6945759 | C | P153000 | OCE-2138890 | Babbin /Andrew R. | 10/09/21 | 11/30/23 | 15,141 | 299,978 | 284,837 |
| | | 6945769 | C | P067952 | OAC-2103804 | Edelman /Alan | 08/01/21 | 07/31/25 | 247,177 | 1,200,000 | 952,823 |
| | | 6945773 | C | P067952 | CNS-2054869 | Corrigan-Gibbs /Henry N | 10/01/21 | 09/30/24 | 29,064 | 500,000 | 470,936 |
| | | 6945790 | C | P039000 | IIP-2044711 | Adib /Fadel | 08/01/21 | 01/31/23 | 169,498 | 250,000 | 80,502 |
| | | 6945830 | C | P068000 | DMR-2132647 | Li /Ju | 08/01/21 | 07/31/23 | 89,045 | 300,000 | 210,955 |
| | | 6945838 | C | P401710 | AST-2107681 | Matthews /Lynn D. | 08/01/21 | 07/31/25 | 30,831 | 108,663 | 77,832 |
| | | 6945839 | C | P068700 | CNS-2106268 | Modiano /Eytan H | 10/01/21 | 09/30/25 | 0 | 300,000 | 300,000 |
| | | 6945854 | C | P154500 | BCS-2121074 | Levy /Roger P | 09/15/21 | 08/31/24 | 20,374 | 568,350 | 547,976 |
| | | 6945862 | C | P401710 | AGS-2031999 | Lind /Frank David | 09/01/21 | 08/31/23 | 2,381 | 493,058 | 490,677 |
| | | 6945876 | C | P152000 | MCB-2130687 | Schlau-Cohen /Gabriela S | 01/01/22 | 08/31/24 | 7,484 | 495,000 | 487,516 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945879 | C | P165000 | EF-2125118 | Ribbeck /Katharina | 09/01/21 | 08/31/26 | 104,981 | 800,000 | 695,019 |
| | | 6945890 | C | P267200 | ECCS-2128555 | Medard /Muriel | 09/01/21 | 08/31/24 | 154,439 | 350,000 | 195,561 |
| | | 6945894 | C | P067952 | OIA-2132318 | Cafarella /Michael J | 05/01/21 | 08/31/22 | 1,105,685 | 2,858,498 | 1,752,813 |
| | | 6945895 | C | P067952 | OIA-2132318 | Cafarella /Michael J | 05/01/21 | 08/31/22 | 175,013 | 266,795 | 91,783 |
| | | 6945896 | C | P067952 | OIA-2132318 | Cafarella /Michael J | 05/01/21 | 08/31/22 | 74,421 | 266,795 | 192,374 |
| | | 6945897 | C | P067952 | OIA-2132318 | Cafarella /Michael J | 05/01/21 | 08/31/22 | 156,524 | 533,055 | 376,532 |
| | | 6945900 | C | P067952 | IIS-2106962 | Matusik /Wojciech | 10/01/21 | 09/30/25 | 80,374 | 400,000 | 319,626 |
| | | 6945924 | C | P068000 | DMR-2118448 | Li /Mingda | 10/01/21 | 09/30/25 | 68,283 | 560,000 | 491,717 |
| | | 6945925 | C | P153000 | OCE-2140206 | Rothman /Daniel H | 08/15/21 | 07/31/23 | 82,913 | 300,000 | 217,087 |
| | | 6945928 | C | P066000 | IIP-2122581 | Hu /Juejun | 08/01/21 | 07/31/24 | 57,816 | 362,285 | 304,469 |
| | | 6945929 | C | P417500 | ECCS-2132929 | Hu /Juejun | 09/15/21 | 08/31/25 | 130,042 | 420,000 | 289,958 |
| | | 6945931 | C | P153000 | EAR-2123254 | Cattania /Camilla | 09/01/21 | 08/31/23 | 14,236 | 253,492 | 239,256 |
| | | 6945933 | C | P400600 | BCS-2124136 | Kanwisher /Nancy | 10/01/21 | 09/30/24 | 100,844 | 813,641 | 712,797 |
| | | 6945949 | C | P154500 | BCS-2121009 | Tenenbaum /Joshua B | 09/01/21 | 08/31/24 | 41,403 | 320,133 | 278,730 |
| | | 6945956 | C | P066000 | DMR-2117609 | Lebeau /James M | 09/01/21 | 08/31/23 | 0 | 699,038 | 699,038 |
| | | 6945957 | C | P159600 | AST-2107724 | Vogelsberger /Mark | 09/01/21 | 08/31/24 | 25,867 | 311,524 | 285,657 |
| | | 6945963 | C | P154500 | BCS-2118103 | Schulz /Laura E | 09/01/21 | 08/31/23 | 10,041 | 290,454 | 280,413 |
| | | 6945964 | C | P153000 | OPP-2103100 | McGee /William David | 09/01/21 | 08/31/24 | 44 | 308,650 | 308,606 |
| | | 6945988 | C | P417500 | ECCS-2132929 | Hu /Juejun | 09/15/21 | 08/31/25 | 0 | 360,000 | 360,000 |
| | | 6945989 | C | P417500 | ECCS-2132929 | Hu /Juejun | 09/15/21 | 08/31/25 | 11,099 | 360,000 | 348,901 |
| | | 6945990 | C | P417500 | ECCS-2132929 | Hu /Juejun | 09/15/21 | 08/31/25 | 64,232 | 360,000 | 295,768 |
| | | 6946027 | C | P267111 | PHY-2110535 | Berggren /Karl K | 06/03/21 | 08/31/24 | 90,259 | 165,259 | 75,000 |
| | | 6946028 | C | P153000 | OCE-2124211 | Flierl /Glenn Richard | 10/01/21 | 09/30/24 | 25,357 | 115,818 | 90,461 |
| | | 6946029 | C | P065004 | CMMI-2114343 | Hart /Anastasios John | 09/01/21 | 08/31/24 | 16,752 | 382,192 | 365,440 |
| | | 6946031 | C | P061098 | OPP-2136940 | Newman /Dava J | 01/01/22 | 12/31/23 | 51,112 | 81,974 | 30,862 |
| | | 6946032 | C | P067952 | CNS-2115587 | Devadas /Srinivas | 10/01/21 | 09/30/24 | 258,888 | 716,854 | 457,966 |
| | | 6946033 | C | P268001 | CCF-2119340 | Han /Song | 10/01/21 | 09/30/26 | 0 | 600,000 | 600,000 |
| | | 6946034 | C | P067952 | CCF-2107244 | Ghobadi /Manya | 09/01/21 | 08/31/25 | 55,593 | 200,000 | 144,407 |
| | | 6946036 | C | P066000 | DMR-2119076 | Dao /Ming | 10/01/21 | 09/30/25 | 23,309 | 366,282 | 342,973 |
| | | 6946038 | C | P066000 | DMR-2118678 | Alexander-Katz /Alfredo | 10/01/21 | 09/30/25 | 0 | 0 | 0 |
| | | 6946039 | C | P067952 | OAC-2140453 | Thompson /Neil | 09/01/21 | 08/31/22 | 9,195 | 98,691 | 89,496 |
| | | 6946054 | C | P067952 | CCF-2131541 | Weitzner /Daniel J | 10/01/21 | 09/30/23 | 98,145 | 576,064 | 477,919 |
| | | 6946055 | C | P154000 | DMS-2133851 | Strang /W. Gilbert | 01/01/22 | 12/31/24 | 37,300 | 108,000 | 70,700 |
| | | 6946057 | C | P267200 | BCS-2042748 | Hufnagel /Stefanie S | 08/15/21 | 01/31/25 | 12,853 | 49,122 | 36,269 |
| | | 6946060 | C | P068700 | CCF-2131115 | Polyanskiy /Yury | 10/01/21 | 09/30/24 | 0 | 175,000 | 175,000 |
| | | 6946065 | C | P067952 | DRL-2124052 | Katz /Boris | 09/15/21 | 08/31/25 | 130,259 | 500,000 | 369,741 |
| | | 6946072 | C | P243020 | PHY-2108050 | Hare /Jack | 09/01/21 | 08/31/24 | 231,999 | 750,000 | 518,001 |
| | | 6946114 | C | P068700 | DMS-2022448 | Shah /Devavrat | 09/01/21 | 08/17/22 | 55,835 | 67,802 | 11,967 |
| | | 6946141 | C | P400600 | DMS-2134108 | Poggio /Tomaso A | 12/01/21 | 11/30/24 | 0 | 450,000 | 450,000 |
| | | 6946152 | C | P067952 | CCF-2107244 | Amarasinghe /Saman P | 09/01/21 | 08/31/25 | 124,928 | 200,000 | 75,072 |
| | | 6946160 | C | P093800 | OIA-2137530 | Reich /Blair Justin F | 10/01/21 | 09/30/22 | 291,174 | 750,000 | 458,826 |
| | | 6946174 | C | P066000 | DMR-2118678 | Ross /Caroline A | 10/01/21 | 09/30/25 | 95,040 | 440,892 | 345,852 |
| | | 6946175 | C | P066000 | DMR-2118678 | Alexander-Katz /Alfredo | 10/01/21 | 09/30/25 | 1,063 | 404,413 | 403,350 |
| | | 6946205 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 565,132 | 1,288,336 | 723,203 |
| | | 6946277 | C | P039000 | SES-2047513 | Wood /Danielle Renee | 09/15/21 | 08/31/26 | 102,944 | 135,022 | 32,078 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946282 | C | P066000 | IIP-2122581 | Hu /Juejun | 08/01/21 | 07/31/24 | 0 | 87,715 | 87,715 |
| | | 6946303 | C | P067952 | DMS-2134108 | Daskalakis /Konstantinos | 12/01/21 | 11/30/24 | 0 | 50,000 | 50,000 |
| | | 6946304 | C | P067952 | DMS-2134108 | Madry /Aleksander | 12/01/21 | 11/30/24 | 0 | 50,000 | 50,000 |
| | | 6946305 | C | P067952 | DMS-2134108 | Jegelka /Stefanie Sabrina | 12/01/21 | 11/30/24 | 54,502 | 50,000 | (4,502) |
| | | 6946402 | C | P067952 | OIA-2134795 | Barzilay /Regina | 10/01/21 | 09/30/23 | 72,890 | 140,000 | 67,110 |
| | | 6946403 | C | P067952 | OIA-2134795 | Jaakkola /Tommi S | 10/01/21 | 09/30/23 | 40,844 | 100,000 | 59,156 |
| | | 6946404 | C | P067952 | OIA-2134795 | Jegelka /Stefanie Sabrina | 10/01/21 | 09/30/23 | 0 | 100,000 | 100,000 |
| | | 6946405 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 0 | 0 | 0 |
| | | 6946406 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 0 | 583,341 | 583,341 |
| | | 6946407 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 0 | 263,770 | 263,770 |
| | | 6946408 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 0 | 87,727 | 87,727 |
| | | 6946409 | C | P062000 | OIA-2134795 | Olsen /Bradley D. | 10/01/21 | 09/30/23 | 0 | 23,265 | 23,265 |
| | | 6946437 | C | P154500 | BCS-2124136 | Tenenbaum /Joshua B | 10/01/21 | 09/30/24 | 23,762 | 686,359 | 662,597 |
| | | 6946438 | C | P400600 | BCS-2124136 | DiCarlo /James | 10/01/21 | 09/30/24 | 114,283 | 750,000 | 635,717 |
| | | 6946598 | C | P267111 | PHY-2110535 | Berggren /Karl K | 06/03/21 | 08/31/24 | 3,051 | 6,534 | 3,483 |
| | | 6946621 | C | P063007 | AGS-2129835 | Kroll /Jesse | 12/01/21 | 11/30/24 | 87,820 | 582,732 | 494,912 |
| | | 6946640 | C | P417500 | DMR-2104964 | Checkelsky /Joseph | 12/01/21 | 11/30/25 | 76,128 | 82,216 | 6,089 |
| | | 6946649 | C | P267500 | DMR-2144136 | Niroui /Farnaz | 07/01/22 | 06/30/27 | 0 | 133,775 | 133,775 |
| | | 6946757 | C | P267100 | PHY-1734011 | Ketterle /Wolfgang | 01/01/22 | 08/31/22 | 20,202 | 99,878 | 79,676 |
| | | 6946773 | C | P061096 | CBET-2140775 | Lozano Duran /Adrian | 12/15/21 | 11/30/26 | 18,949 | 392,505 | 373,556 |
| | | 6946775 | C | P066000 | DMR-2132623 | Ross /Caroline A | 02/01/22 | 11/30/23 | 43,669 | 300,000 | 256,331 |
| | | 6946860 | C | P067952 | CCF-2139936 | Lynch /Nancy Ann | 06/01/22 | 05/31/25 | 0 | 500,000 | 500,000 |
| | | 6946865 | C | P062000 | CHE-2144153 | Coley /Connor Wilson | 03/01/22 | 02/28/27 | 909 | 650,000 | 649,091 |
| | | 6946869 | C | P063007 | EAR-2141316 | Juanes /Ruben | 01/15/22 | 12/31/24 | 44,696 | 219,952 | 175,256 |
| | | 6946903 | C | P417500 | DMR-2104964 | Checkelsky /Joseph | 01/01/22 | 01/01/23 | 6,227 | 20,384 | 14,157 |
| | | 6946916 | C | P159900 | PHY-2110569 | Formaggio /Joseph A | 08/01/21 | 07/31/24 | 33,327 | 60,000 | 26,673 |
| | | 6946918 | C | P267110 | PHY-1734011 | Fletcher /Richard J | 09/01/21 | 08/31/22 | 77,215 | 100,000 | 22,785 |
| | | 6946928 | C | P097000 | SES-2147166 | Kaiser /David I | 02/15/22 | 01/31/23 | 0 | 15,499 | 15,499 |
| | | 6946936 | C | P065005 | CMMI-2142460 | Portela Galindo /Carlos M | 02/01/22 | 01/31/28 | 24,098 | 764,893 | 740,795 |
| | | 6946963 | C | P065004 | CBET-2143625 | Deng /Sili | 07/01/22 | 06/30/27 | 0 | 504,618 | 504,618 |
| | | 6946972 | C | P065005 | CBET-2139277 | Peacock /Thomas | 02/01/22 | 09/30/24 | 0 | 255,634 | 255,634 |
| | | 6946998 | C | P065005 | CBET-0939511 | Raman /Ritu | 02/01/22 | 08/31/22 | 34,973 | 50,000 | 15,027 |
| | | 6946999 | C | P066000 | CBET-0939511 | Macfarlane /Robert J | 02/01/22 | 08/31/22 | 6,196 | 50,000 | 43,804 |
| | | 6947009 | C | P067952 | CNS-2130671 | Chlipala /Adam | 02/15/22 | 01/31/25 | 59,759 | 516,000 | 456,241 |
| | | 6947013 | C | P154000 | CNS-2115587 | Etingof /Pavel I | 10/01/21 | 09/30/24 | 29,858 | 99,146 | 69,288 |
| | | 6947014 | C | P401710 | AGS-2031999 | Lind /Frank David | 09/01/21 | 08/31/23 | 0 | 3,506,942 | 3,506,942 |
| | | 6947017 | C | P094000 | BCS-2140399 | Aravind /Athulya | 03/01/22 | 08/31/23 | 931 | 4,568 | 3,637 |
| | | 6947054 | C | P067952 | CNS-2144766 | Ghobadi /Manya | 04/01/22 | 03/31/27 | 6,562 | 114,000 | 107,438 |
| | | 6947063 | C | P159400 | OCE-2148468 | Woosley /Ryan J. | 03/01/22 | 02/28/25 | 75,916 | 309,281 | 233,365 |
| | | 6947084 | C | P152000 | DMR-2220706 | Freedman /Danna Erit | 12/01/21 | 02/28/23 | 74,850 | 179,038 | 104,188 |
| | | 6947118 | C | P065004 | IIS-2133072 | Asada /Haruhiko | 03/15/22 | 02/28/25 | 8,757 | 620,240 | 611,483 |
| | | 6947120 | C | P153000 | OCE-2148916 | Boyle /Edward A | 03/15/22 | 02/28/25 | 18,327 | 162,615 | 144,288 |
| | | 6947135 | C | P153000 | OCE-2142998 | Babbin /Andrew R. | 04/01/22 | 03/31/27 | 29,769 | 244,119 | 214,350 |
| | | 6947228 | C | P066000 | DMR-2204222 | Macfarlane /Robert J | 05/01/22 | 04/30/25 | 1,380 | 450,000 | 448,620 |
| | | 6947229 | C | P159400 | OCE-2148468 | Woosley /Ryan J. | 03/01/22 | 02/28/23 | 33,604 | 76,000 | 42,396 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947247 | C | P417500 | DMR-2104964 | Checkelsky /Joseph | 04/01/22 | 04/30/23 | 2,654 | 69,400 | 66,746 |
| | | 6947257 | C | P067952 | CCF-217878 | Ragan-Kelley /Jonathan M | 10/01/21 | 11/30/23 | 30,045 | 129,614 | 99,569 |
| | | 6947303 | C | P063007 | CMMI-1917891 | Ben-Akiva /Moshe E | 07/01/19 | 06/30/23 | 0 | 79,993 | 79,993 |
| | | 6947308 | C | P154000 | DMS-2153741 | Lusztig /George | 07/01/22 | 06/30/25 | 0 | 207,196 | 207,196 |
| | | 6947425 | C | P068700 | CNS-2148128 | Modiano /Eytan H | 05/01/22 | 04/30/25 | 0 | 283,333 | 283,333 |
| | | 6947426 | C | P267100 | CNS-2148132 | Medard /Muriel | 05/01/22 | 04/30/25 | 6,842 | 151,228 | 144,386 |
| | | 6947427 | C | P068700 | CNS-2148251 | Win /Moe Z | 05/01/22 | 04/30/25 | 21,463 | 183,121 | 161,658 |
| | | 6947431 | C | P154000 | DMS-2153742 | Sheffield /Scott Roger | 06/01/22 | 05/31/27 | 12,116 | 120,000 | 107,884 |
| | | 6947443 | C | P154000 | DMS-2206085 | Rosenzweig /Matthew H | 06/01/22 | 05/31/25 | 1,904 | 195,000 | 193,096 |
| | | 6947458 | C | P243020 | PHY-2213898 | Hare /Jack | 05/01/22 | 04/30/24 | 23,150 | 218,000 | 194,850 |
| | | 6947459 | C | P401710 | AGS-2149698 | Zhang /Shun-Rong | 05/01/22 | 04/30/25 | 0 | 212,120 | 212,120 |
| | | 6947468 | C | P154000 | CMMI-2154151 | Bush /John W. M. | 06/01/22 | 05/31/25 | 35,530 | 651,511 | 615,981 |
| | | 6947472 | C | P154000 | DMS-2022448 | Moitra /Ankur | 06/01/22 | 05/31/25 | 0 | 314,796 | 314,796 |
| | | 6947528 | C | P152000 | CHE-2154938 | Van Voorhis /Troy | 05/01/22 | 04/30/25 | 15,396 | 510,000 | 494,604 |
| | | 6947595 | C | P153000 | AGS-2202785 | Emanuel /Kerry Andrew | 09/01/22 | 08/31/24 | 0 | 76,532 | 76,532 |
| | | 6947596 | C | P066000 | DMR-2204638 | Schuh /Christopher A | 07/01/22 | 06/30/26 | 0 | 295,114 | 295,114 |
| | | 6947619 | C | P068700 | CNS-2148251 | Win /Moe Z | 05/01/22 | 04/30/25 | 0 | 150,212 | 150,212 |
| | | 6947620 | C | P417500 | DMR-2104964 | Checkelsky /Joseph | 05/01/22 | 05/01/23 | 434 | 8,000 | 7,566 |
| | | 6947621 | C | P267100 | PHY-1506369 | Ketterle /Wolfgang | 01/01/22 | 08/31/22 | 217 | 46,305 | 46,088 |
| | | 6947632 | C | P067952 | DMS-2211020 | Solomon /Justin | 05/15/22 | 04/30/23 | 0 | 6,104 | 6,104 |
| | | 6947688 | C | P417500 | DMR-2206305 | Todadri /Senthil | 09/01/22 | 08/31/25 | 0 | 436,585 | 436,585 |
| | | 6947697 | C | P152000 | DMR-2207299 | Swager /Timothy M | 07/01/22 | 06/30/26 | 0 | 546,312 | 546,312 |
| | | 6947699 | C | P267100 | CNS-2148132 | Medard /Muriel | 05/01/22 | 04/30/23 | 0 | 96,223 | 96,223 |
| | | 6947700 | C | P267100 | CNS-2148132 | Medard /Muriel | 05/01/22 | 04/30/23 | 0 | 98,292 | 98,292 |
| | | 6947702 | C | P159600 | PHY-2207942 | Barsotti /Lisa | 08/01/22 | 07/31/25 | 0 | 419,999 | 419,999 |
| | | 6947729 | C | P417500 | TI-2141118 | Beach /Geoffrey Stephen | 03/15/22 | 11/30/23 | 24,241 | 250,000 | 225,759 |
| | | 6947772 | C | P062000 | MCB-2218259 | Prather /Kristala L | 08/01/22 | 07/31/25 | 0 | 686,522 | 686,522 |
| | | 6947784 | C | P154000 | DMS-2211916 | Collins /Tristan | 06/15/22 | 05/31/23 | 0 | 15,250 | 15,250 |
| | | 6947786 | C | P062000 | CBET-2146422 | Smith /Zachary P | 06/15/22 | 05/31/27 | 6,314 | 433,407 | 427,093 |
| | | 6947790 | C | P159900 | PHY-2110720 | Winslow /Lindley | 06/01/22 | 12/31/22 | 0 | 30,563 | 30,563 |
| | | 6947817 | C | P154500 | IIS-2151077 | Fiete /Ila R | 07/01/22 | 06/30/25 | 0 | 464,288 | 464,288 |
| | | 6947819 | C | P159900 | PHY-2209181 | Williams /Michael | 07/01/22 | 06/30/25 | 0 | 250,000 | 250,000 |
| | | 6947833 | C | P093200 | BCS-2213722 | Helmreich /Stefan | 08/01/22 | 07/31/23 | 0 | 13,107 | 13,107 |
| | 005173 Arizona State University | 6939979 | C | P065004 | SUBAWARD NO: 17-096 | Buonassisi /Anthony | 08/01/18 | 07/31/20 | (26,586) | 125,553 | 0 |
| | | 6942199 | C | P065004 | ASUB00000443 | Buonassisi /Anthony | 08/30/19 | 07/31/21 | 38,572 | 230,000 | (0) |
| | | 6942459 | C | P417500 | ASUB00000433 | Comin /Riccardo | 10/01/19 | 09/30/22 | 15,594 | 42,500 | 7,158 |
| | | 6946120 | C | P065004 | ASUB00000832 | Buonassisi /Anthony | 01/01/19 | 12/31/19 | 20,549 | 20,549 | 0 |
| | 005274 Boston Universi | 6938043 | C | P153000 | 4500002547 | Hill /Christopher N | 07/01/17 | 09/30/22 | 48,214 | 199,108 | (1,492) |
| | | 6940191 | C | P400600 | 4500002879 | Boyden /Edward | 10/01/18 | 09/30/21 | (671) | 300,000 | 0 |
| | 005408 California Institute of Technology | 6939605 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 0 | 0 | 0 |
| | | 6939606 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 162,788 | 987,707 | (553,947) |
| | | 6939607 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 380,984 | 1,782,473 | 173,497 |
| | | 6939608 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 0 | 28,789 | 11,450 |
| | | 6939609 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 227,754 | 1,221,656 | (39,725) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939610 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 125,702 | 514,362 | 87,694 |
| | | 6939611 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 276,566 | 1,059,916 | 86,609 |
| | | 6939612 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 14,753 | 180,792 | 63,748 |
| | | 6939613 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 491,004 | 1,974,985 | 248,984 |
| | | 6939614 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 354,784 | 1,165,073 | 26,304 |
| | | 6939615 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 64,157 | 425,912 | 38,300 |
| | | 6939616 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 168,333 | 997,714 | 212,720 |
| | | 6939617 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 436,349 | 1,632,257 | 68,655 |
| | | 6939618 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 317,550 | 1,463,423 | 218,479 |
| | | 6939619 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 8,990 | 36,572 | 2,459 |
| | | 6939620 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 0 | 0 | (0) |
| | | 6940129 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 01/31/22 | 0 | 21,086 | 0 |
| | | 6940188 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 6,058 | 53,565 | 4,597 |
| | | 6940911 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 01/31/21 | 0 | 53,969 | 0 |
| | | 6941437 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 1,039,783 | 4,381,479 | 1,045,044 |
| | | 6941438 | C | P159600 | SUBAWARD NO. S458042 | Fritschel /Peter K | 10/01/18 | 09/30/23 | 258,033 | 928,606 | 218,855 |
| | 005508 Columbia University | 6931173 | C | P063007 | 1(GG008891) / PO G05323 | Harvey /Charles F | 09/01/14 | 08/31/20 | (58) | 240,045 | 0 |
| | | 6935295 | C | P153000 | 46(GG009393) | Ono /Shuhei | 10/01/16 | 06/30/21 | 192 | 28,697 | 0 |
| | 005690 Duke University | 6939557 | C | P062000 | 333-2439 | Olsen /Bradley D. | 09/01/18 | 08/31/22 | 75,540 | 330,000 | 7,889 |
| | | 6939582 | C | P159900 | 333-2457 | Harrow /Aram W. | 08/01/18 | 07/31/23 | 52,257 | 935,650 | 552,887 |
| | | 6939634 | C | P152000 | 333-2439 | Johnson /Jeremiah A. | 09/01/18 | 08/31/22 | (5,286) | 334,687 | (4,723) |
| | | 6946041 | C | P268001 | 333-2824 | Han /Song | 10/01/21 | 09/30/22 | 0 | 115,000 | 115,000 |
| | | 6946083 | C | P062000 | 333-2765 | Olsen /Bradley D. | 06/03/21 | 08/31/22 | 94,944 | 250,000 | 155,056 |
| | | 6946142 | C | P152000 | 333-2765 | Johnson /Jeremiah A. | 06/03/21 | 08/31/22 | 285,851 | 250,000 | (35,851) |
| | | 6946143 | C | P062000 | 333-2765 | Kulik /Heather Janine | 06/03/21 | 08/31/22 | 170,275 | 220,000 | 49,725 |
| | 005731 Emory Universit | 6937352 | C | P152000 | T847519 | Movassaghi /Mohammad | 09/01/17 | 08/31/18 | 0 | 135,999 | (0) |
| | | 6939438 | C | P152000 | A022601 | Movassaghi /Mohammad | 09/01/18 | 08/31/19 | 0 | 150,000 | (0) |
| | | 6941878 | C | P152000 | A221080 | Movassaghi /Mohammad | 09/01/19 | 08/31/20 | 0 | 149,801 | (0) |
| | | 6944300 | C | P152000 | A375897 | Movassaghi /Mohammad | 09/01/20 | 08/31/21 | 21,881 | 149,978 | 0 |
| | | 6946412 | C | P152000 | A375897 | Movassaghi /Mohammad | 09/01/21 | 08/31/22 | 118,868 | 150,000 | 31,132 |
| | 005841 Florida A&M Un | 6937333 | C | P062000 | C-4979 | Doyle /Patrick S | 09/01/17 | 08/31/22 | 90,238 | 383,218 | 21,515 |
| | 005848 National Radio Astronomy Observatory | 6937959 | C | P401710 | PO 359999 | Matthews /Lynn D. | 01/01/18 | 08/31/23 | 285,184 | 1,554,488 | 405,982 |
| | | 6944190 | C | P401710 | PO 370764 | Matthews /Lynn D. | 10/01/20 | 09/30/22 | 99,162 | 199,563 | 25,729 |
| | | 6944856 | C | P401710 | AGMT DTD 2/23/2021 | Akiyama /Kazunori | 02/15/21 | 01/31/22 | 19,319 | 27,500 | 78 |
| | | 6946902 | C | P401710 | PO#374975 | Matthews /Lynn D. | 01/17/22 | 01/16/24 | 53,025 | 236,246 | 183,220 |
| | 005918 Educational Tes | 6945050 | C | P093800 | SUB-AWARD #0901046/723 | Reich /Blair Justin F | 08/15/20 | 07/31/23 | 160,581 | 383,135 | 60,392 |
| | 005935 Georgia Institute | 6944226 | C | P267600 | AWD-001496-G1 | Lu /Timothy K | 08/01/20 | 07/31/23 | 397,359 | 460,000 | 632 |
| | 005936 George Washin | 6935442 | C | P035000 | 16-S08 | Ryan /Brent | 04/01/17 | 03/31/22 | (1,737) | 216,627 | 0 |
| | 006120 Harvard University | 6929102 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 10/01/13 | 09/30/22 | 100,451 | 1,513,283 | 65,306 |
| | | 6929127 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 11/01/13 | 09/30/16 | 0 | 231,241 | 0 |
| | | 6929128 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 11/01/13 | 09/30/16 | 0 | 251,301 | (0) |
| | | 6929129 | C | P069850 | 123826-5056263 | Kong /Jing | 11/01/13 | 09/30/16 | 0 | 246,492 | 0 |
| | | 6929130 | C | P069850 | 123826-5056263 | Gedik /Nuh | 11/01/13 | 09/30/16 | 0 | 253,862 | 0 |
| | | 6929131 | C | P069850 | 123826-5056263 | Palacios /Tomas | 11/01/13 | 09/30/16 | 0 | 239,945 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929132 | C | P069850 | 123826-5056263 | Jarillo-Herrero /Pablo | 11/01/13 | 09/30/16 | 0 | 327,713 | 0 |
| | | 6929133 | C | P069850 | 123826-5056263 | Levitov /Leonid | 11/01/13 | 09/30/16 | 0 | 115,796 | (0) |
| | | 6929134 | C | P069850 | 123826-5056263 | Fu /Liang | 11/01/13 | 09/30/16 | 0 | 163,755 | (0) |
| | | 6930914 | C | P069850 | 123826-5056263 | Checkelsky /Joseph | 10/01/14 | 06/15/17 | 0 | 122,567 | 0 |
| | | 6932201 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 06/19/15 | 09/30/16 | 0 | 12,827 | 0 |
| | | 6932524 | C | P069800 | 123826-5056263 | Checkelsky /Joseph | 08/18/15 | 09/30/16 | 0 | 18,376 | 0 |
| | | 6934913 | C | P069850 | 123826-5056263 | Englund /Dirk R. | 10/01/13 | 09/30/18 | 0 | 218,947 | 0 |
| | | 6934914 | C | P069850 | 123826-5056263 | Kong /Jing | 10/01/13 | 09/30/18 | 0 | 82,866 | (0) |
| | | 6934915 | C | P069850 | 123826-5056263 | Palacios /Tomas | 10/01/13 | 09/30/18 | 0 | 134,203 | 0 |
| | | 6934916 | C | P069850 | 123826-5056263 | Englund /Dirk R. | 10/01/13 | 09/30/18 | 0 | 11,873 | (0) |
| | | 6934917 | C | P069850 | 123826-5056263 | Kong /Jing | 10/01/13 | 09/30/18 | 0 | 35,694 | 0 |
| | | 6934918 | C | P069850 | 123826-5056263 | Palacios /Tomas | 10/01/13 | 09/30/18 | 0 | 41,498 | 0 |
| | | 6934920 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 10/01/13 | 09/30/18 | 0 | 61,399 | (0) |
| | | 6934921 | C | P069850 | 123826-5056263 | Checkelsky /Joseph | 10/01/13 | 09/30/18 | 0 | 187,275 | (0) |
| | | 6934922 | C | P069850 | 123826-5056263 | Fu /Liang | 10/01/13 | 09/30/18 | 0 | 180,537 | (0) |
| | | 6934923 | C | P069850 | 123826-5056263 | Gedik /Nuh | 10/01/13 | 09/30/18 | 0 | 206,955 | (0) |
| | | 6934924 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 10/01/13 | 09/30/18 | 0 | 31,762 | 0 |
| | | 6934925 | C | P069850 | 123826-5056263 | Checkelsky /Joseph | 10/01/13 | 09/30/18 | 0 | 123,069 | 0 |
| | | 6934926 | C | P069850 | 123826-5056263 | Fu /Liang | 10/01/13 | 09/30/18 | 0 | 3,318 | 0 |
| | | 6934927 | C | P069850 | 123826-5056263 | Gedik /Nuh | 10/01/13 | 09/30/18 | 0 | 10,393 | 0 |
| | | 6934929 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 10/01/13 | 09/30/18 | 0 | 130,806 | (0) |
| | | 6934930 | C | P069850 | 123826-5056263 | Levitov /Leonid | 10/01/13 | 09/30/18 | 0 | 163,955 | (0) |
| | | 6934932 | C | P069850 | 123826-5056263 | Jarillo-Herrero /Pablo | 10/01/13 | 09/30/18 | 0 | 194,587 | (0) |
| | | 6934933 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 10/01/13 | 09/30/18 | 0 | 28,091 | (0) |
| | | 6934934 | C | P069850 | 123826-5056263 | Levitov /Leonid | 10/01/13 | 09/30/18 | 0 | 16,578 | 0 |
| | | 6934936 | C | P069850 | 123826-5056263 | Jarillo-Herrero /Pablo | 10/01/13 | 09/30/18 | 0 | 118,414 | (0) |
| | | 6934938 | C | P069850 | 123826-5056263 | Kong /Jing | 10/01/13 | 09/30/18 | 0 | 91,928 | (0) |
| | | 6934940 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 10/01/13 | 09/30/18 | 0 | 158,991 | (0) |
| | | 6934941 | C | P069850 | 123826-5056263 | Palacios /Tomas | 10/01/13 | 09/30/18 | 0 | 97,951 | 0 |
| | | 6934942 | C | P069850 | 123826-5056263 | Kong /Jing | 10/01/13 | 09/30/18 | 0 | 15,164 | 0 |
| | | 6934943 | C | P069850 | 123826-5056263 | Jarillo-Herrero /Pablo | 10/01/13 | 09/30/18 | 0 | 7,488 | (0) |
| | | 6934944 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 10/01/13 | 09/30/18 | (22) | 103,579 | 0 |
| | | 6935063 | C | P069850 | 123826-5056263 | Palacios /Tomas | 10/01/13 | 09/30/18 | 0 | 3,131 | 0 |
| | | 6939583 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 10/01/18 | 09/30/22 | 127,511 | 604,106 | 184,120 |
| | | 6939584 | C | P069850 | 123826-5056263 | Checkelsky /Joseph | 10/01/18 | 09/30/22 | 332,499 | 633,200 | (122,952) |
| | | 6939585 | C | P069850 | 123826-5056263 | Comin /Riccardo | 10/01/18 | 09/30/22 | 109,904 | 362,685 | 9,879 |
| | | 6939586 | C | P069850 | 123826-5056263 | Englund /Dirk R. | 10/01/18 | 09/30/22 | 92,494 | 498,610 | 82,840 |
| | | 6939587 | C | P069850 | 123826-5056263 | Fu /Liang | 10/01/18 | 09/30/22 | 90,713 | 348,145 | 4,076 |
| | | 6939588 | C | P069850 | 123826-5056263 | Gedik /Nuh | 10/01/18 | 09/30/22 | 54,499 | 379,133 | 68,029 |
| | | 6939589 | C | P069850 | 123826-5056263 | Jarillo-Herrero /Pablo | 10/01/18 | 09/30/22 | 79,409 | 657,350 | 153,418 |
| | | 6939590 | C | P069850 | 123826-5056263 | Kong /Jing | 10/01/18 | 09/30/22 | 119,200 | 413,013 | (23,156) |
| | | 6939591 | C | P069850 | 123826-5056263 | Levitov /Leonid | 10/01/18 | 09/30/22 | 37,701 | 343,267 | 55,371 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939592 | C | P069850 | 123826-5056263 | Moodera /Jagadeesh | 10/01/18 | 09/30/22 | 112,685 | 411,350 | 65,758 |
| | | 6939593 | C | P069850 | 123826-5056263 | Palacios /Tomas | 10/01/18 | 09/30/22 | 192,299 | 658,755 | (29,982) |
| | | 6940827 | C | P267111 | 124127-5110072 | Berggren /Karl K | 10/01/18 | 09/30/21 | 5,193 | 319,250 | 0 |
| | | 6940828 | C | P267200 | 124127-5110072 | Oliver /William D | 10/01/18 | 09/30/21 | 41,632 | 319,250 | 0 |
| | | 6941998 | C | P069850 | 123826-5056263 | Ju /Long | 10/01/19 | 09/30/22 | 48,253 | 210,760 | (8,526) |
| | | 6942087 | C | P069850 | 123826-5056263 | Checkelsky /Joseph | 11/01/19 | 09/30/22 | 21,544 | 35,537 | (1,635) |
| | | 6942548 | C | P065004 | 124189-5112398 | Kolle /Mathias | 10/01/19 | 09/30/22 | 88,733 | 259,050 | 100,009 |
| | | 6943091 | C | P069850 | 123826-5056263 | Gedik /Nuh | 04/22/20 | 09/30/22 | 3,555 | 30,000 | 5,359 |
| | | 6943498 | C | P069850 | 123826-5056263 | Comin /Riccardo | 06/01/20 | 09/30/20 | 0 | 7,041 | 0 |
| | | 6943694 | C | P064000 | AGMT DTD 8/03/2020 | Shavit /Nir N. | 09/01/20 | 05/31/21 | 0 | 30,080 | 0 |
| | | 6943696 | C | P064000 | AGMT EFF 9/1/20 | Shavit /Nir N. | 09/01/20 | 05/31/21 | 0 | 30,080 | 0 |
| | | 6944988 | C | P069850 | 123826-5056263 | Palacios /Tomas | 03/01/21 | 09/30/21 | (3,296) | 0 | 0 |
| | | 6945558 | C | P064000 | HARVARD FUND #134378 | Kolodziejski /Leslie A | 06/01/21 | 08/31/21 | 11,508 | 11,508 | 0 |
| | | 6946021 | C | P069850 | 123826-5056263 | Ashoori /Raymond | 09/01/21 | 09/30/22 | 39,928 | 99,576 | 59,648 |
| | | 6946139 | C | P064000 | HARVARD FUND #134378 | Kolodziejski /Leslie A | 09/01/21 | 01/15/22 | 31,140 | 31,140 | 0 |
| | | 6946857 | C | P064000 | HARVARD FUND #134378 | Kolodziejski /Leslie A | 01/16/22 | 05/31/22 | 30,825 | 30,825 | 0 |
| | | 6946996 | C | P069850 | 123826-5056263 | Comin /Riccardo | 01/01/22 | 03/31/22 | 0 | 10,234 | 10,234 |
| | | 6947125 | C | P267111 | 124381-5119999 | Berggren /Karl K | 09/15/21 | 08/31/22 | 26,345 | 122,412 | 96,067 |
| | | 6947461 | C | P064000 | AGREEMENT REFERENCE # LUKINS | Kolodziejski /Leslie A | 01/16/22 | 05/31/22 | 17,089 | 17,089 | 0 |
| | 006207 University of California/Davis | 6936421 | C | P067952 | 201601893-02 | Fisher /John W | 09/15/16 | 08/31/19 | 13 | 154,225 | 0 |
| | | 6941718 | C | P067952 | A19-3499-S001 | Karger /David R | 10/01/19 | 09/30/22 | 300,105 | 539,215 | 93,008 |
| | 006742 National Bureau | 6943720 | C | P091000 | 36373.00.00.00.7700 | Duflo /Esther | 04/01/20 | 04/30/22 | 10,550 | 94,033 | (0) |
| | 006805 NEROC | 6937109 | C | P401710 | AGS-1726377 | Coster /Anthea J | 09/15/17 | 08/31/22 | 0 | 204,092 | 1,470 |
| | | 6937604 | C | P401710 | AGS-1726377 | Coster /Anthea J | 09/15/17 | 08/31/22 | 0 | 146,976 | 114,341 |
| | | 6937605 | C | P401710 | AGS-1726377 | Coster /Anthea J | 09/15/17 | 08/31/20 | 0 | 425,679 | 0 |
| | | 6940071 | C | P401710 | AGS-1726377 | Coster /Anthea J | 12/01/18 | 08/31/20 | 0 | 21,541 | 0 |
| | | 6945054 | C | P401710 | AST-2034306 | Fish /Vincent L. | 08/23/20 | 02/28/25 | 757,463 | 1,357,854 | 382,283 |
| | | 6945118 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 53,343 | 93,599 | 40,256 |
| | | 6945119 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 91,171 | 151,371 | 60,200 |
| | | 6945120 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 389,727 | 971,753 | 582,026 |
| | | 6945121 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 856,304 | 1,423,574 | 567,270 |
| | | 6945122 | C | P401710 | AST-2034306 | Fish /Vincent L. | 08/23/20 | 02/29/24 | 28,510 | 19,444 | (9,066) |
| | | 6945123 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 172,681 | 204,517 | 31,836 |
| | | 6945124 | C | P401710 | AST-2034306 | Fish /Vincent L. | 11/01/20 | 02/29/24 | 15,774 | 10,758 | (5,016) |
| | | 6945125 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 100,034 | 184,190 | 84,156 |
| | | 6945126 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 63,270 | 147,139 | 83,869 |
| | | 6945127 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 184,870 | 493,201 | 308,331 |
| | | 6945128 | C | P401710 | AST-2034306 | Fish /Vincent L. | 12/01/20 | 02/29/24 | 0 | 96,608 | 96,608 |
| | 006829 New York Unive | 6937547 | C | P093800 | F0394-03 | Klopfer /Eric | 08/01/17 | 07/31/21 | (105) | 449,713 | (0) |
| | 006876 Northwestern U | 6947715 | C | P068700 | 60061817 MIT | Modiano /Eytan H | 05/01/22 | 04/30/23 | 0 | 139,166 | 139,166 |
| | 006878 University of No | 6946429 | C | P401710 | 204303MIT | Erickson /Philip J | 09/15/21 | 08/31/22 | 143,518 | 213,000 | 69,482 |
| | 006953 Ohio State Univ | 6945569 | C | P067952 | 60079175 | Fisher /John W | 10/01/20 | 09/30/23 | 227,679 | 250,000 | 22,321 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 007070 Pennsylvania St | 6945381 | C | P066000 | S001412-NSF | Olivetti /Elsa A | 09/01/20 | 08/31/22 | 0 | 29,455 | 29,455 |
| | 007150 Princeton University | 6935980 | C | P159900 | SUB0000178 | Paus /Christoph M. E. | 01/01/17 | 12/31/21 | 141,798 | 1,255,772 | (0) |
| | | 6936082 | C | P159900 | SUB0000178 | Paus /Christoph M. E. | 01/01/17 | 12/31/21 | 27,744 | 260,540 | 0 |
| | | 6936083 | C | P159900 | SUB0000178 | Paus /Christoph M. E. | 01/01/17 | 12/31/21 | 344,131 | 1,009,321 | 0 |
| | | 6936204 | C | P159900 | SUB0000178 | Paus /Christoph M. E. | 01/01/17 | 12/31/21 | 26,603 | 272,950 | (0) |
| | | 6936207 | C | P159900 | SUB0000178 | Paus /Christoph M. E. | 01/01/17 | 12/31/21 | 20,958 | 225,911 | 0 |
| | | 6939873 | C | P159900 | SUB0000276 | Williams /Michael | 09/01/18 | 08/31/22 | 110,777 | 526,278 | 23,540 |
| | | 6945111 | C | P067952 | SUB0000478 | Chlipala /Adam | 01/01/21 | 11/30/22 | 13,824 | 68,000 | 0 |
| | 007180 Purdue Universi | 6922872 | C | P067952 | SUBAWARD #10000686-015 | Shor /Peter Williston | 08/01/10 | 07/31/22 | 0 | 0 | 0 |
| | | 6922873 | C | P067952 | SUBAWARD #10000686-015 | Lynch /Nancy Ann | 08/01/10 | 07/31/23 | 9,230 | 1,086,683 | (0) |
| | | 6922874 | C | P067952 | SUBAWARD #10000686-015 | Rivest /Ronald L | 08/01/10 | 07/31/23 | 0 | 1,069,560 | (0) |
| | | 6922875 | C | P067952 | SUBAWARD #10000686-015 | Aaronson /Scott | 08/01/10 | 01/31/14 | 0 | 388,049 | 0 |
| | | 6922876 | C | P067952 | SUBAWARD #10000686-015 | Shor /Peter Williston | 08/01/10 | 07/31/23 | 96,489 | 1,167,983 | 115 |
| | | 6924018 | C | P067952 | SUBAWARD #10000686-015 | Sudan /Madhu | 08/01/10 | 01/31/16 | 0 | 557,226 | 0 |
| | | 6925962 | C | P068700 | SUBAWARD #10000686-015 | Polyanskiy /Yury | 08/01/10 | 07/31/23 | 31,489 | 800,000 | 39,143 |
| | 007233 Rutgers Univers | 6946480 | C | P069400 | PO 25066987; 1968 | Pentland /Alex Paul | 10/01/21 | 09/30/22 | 90,035 | 100,000 | 9,965 |
| | 007255 Rice University | 6944167 | C | P062000 | R3K023 | Hatton /Trevor Alan | 09/01/20 | 08/31/22 | 97,990 | 225,000 | 27,750 |
| | 007334 Santa Fe Institu | 6944411 | C | P121012 | SFI20200915 | Prelec /Drazen | 08/15/20 | 07/31/23 | 19,507 | 44,505 | 24,998 |
| | 007360 Smithsonian Ins | 6943629 | C | P152000 | SAO PO# 448574 | Cummins /Christopher C | 07/04/20 | 01/31/22 | 5,789 | 15,441 | (0) |
| | 007387 Stevens Institute | 6943990 | C | P068700 | 2103115-02 | Win /Moe Z | 08/15/20 | 07/31/21 | (6) | 50,000 | (0) |
| | 007434 Texas A & M | 6947179 | C | P152000 | M2201483 | Freedman /Danna Erit | 06/01/21 | 08/31/23 | 63,140 | 219,739 | 156,599 |
| | 007485 Tufts University | 6941932 | C | P095500 | SF0069/PO EP0190879 | Stewart /Charles H | 09/01/19 | 05/31/21 | (458) | 149,827 | 0 |
| | 007521 University of Ala | 6944274 | C | P153000 | UA 21-0033 | Boyle /Edward A | 08/01/20 | 07/31/22 | 14,037 | 102,000 | 1,309 |
| | 007529 University of Ca | 6938664 | C | P153000 | 2018-3564 | Minchew /Brent Morton | 04/01/18 | 01/31/23 | 552 | 199,133 | 564 |
| | 007534 University of California-San Diego | 6937009 | C | P067952 | SUB # 89409643 PO#S9001704 | Shah /Julie A | 01/15/17 | 08/31/20 | (10) | 309,788 | 0 |
| | | 6939284 | C | P067952 | SUBAWARD AGREEMENT #1067863 | Clark /David D | 09/01/18 | 08/31/22 | 82,258 | 153,969 | (9,012) |
| | | 6945410 | C | P159400 | KR 704225 | Woosley /Ryan J. | 01/01/21 | 12/31/21 | 1,932 | 31,843 | 0 |
| | | 6946247 | C | P067952 | KR 704702 | Jegelka /Stefanie Sabrina | 11/01/21 | 10/31/22 | 0 | 0 | 0 |
| | | 6946307 | C | P067952 | KR 704702 | Jegelka /Stefanie Sabrina | 11/01/21 | 10/31/22 | 7,045 | 192,500 | 185,455 |
| | | 6946308 | C | P068700 | KR 704702 | Sra /Suvrit | 10/01/21 | 10/31/22 | 135,808 | 192,500 | 56,692 |
| | | 6946774 | C | P067952 | KR 704800 | Clark /David D | 10/01/21 | 09/30/22 | 147,856 | 197,760 | 49,904 |
| | | 6947476 | C | P066000 | F704703 | Olivetti /Elsa A | 09/01/21 | 08/31/22 | 0 | 119,650 | 119,650 |
| | 007545 University of Illinois-Urbana Champaign | 6942057 | C | P159900 | 092992-17667 | Kelsey /James E | 08/05/19 | 05/31/23 | 58,563 | 323,300 | 30,658 |
| | | 6945233 | C | P159900 | 092992-17667 | Kelsey /James E | 08/05/19 | 05/31/23 | 741 | 45,700 | (67) |
| | | 6947002 | C | P065004 | 087442-18809 | Hart /Anastasios John | 11/01/21 | 08/31/22 | 44,414 | 125,000 | 80,586 |
| | 007591 University of Ma | 6944280 | C | P065004 | S52100000048202 | Hart /Anastasios John | 09/01/20 | 08/31/25 | 45,617 | 220,000 | 92,462 |
| | 007592 University of Nebraska | 6947570 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 0 | 0 | 0 |
| | | 6947597 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 137,637 | 285,552 | 147,915 |
| | | 6947598 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 19,423 | 40,509 | 21,086 |
| | | 6947599 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 30,670 | 62,278 | 31,608 |
| | | 6947600 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 14,228 | 29,998 | 15,770 |
| | | 6947601 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 12,014 | 25,223 | 13,209 |
| | | 6947602 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 0 | 2,200 | 2,200 |
| | | 6947603 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 0 | 2,200 | 2,200 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947604 | C | P159900 | 25-0521-0244-007 | Paus /Christoph M. E. | 01/01/22 | 12/31/22 | 28,207 | 54,365 | 26,158 |
| | 007615 University of Arizona | 6946176 | C | P267111 | SUBAWARD 586648 | Englund /Dirk R. | 09/01/20 | 08/31/22 | 0 | 0 | 0 |
| | | 6946210 | C | P267111 | SUBAWARD 586648 | Englund /Dirk R. | 09/01/20 | 08/31/22 | 153,184 | 514,598 | 361,414 |
| | | 6946211 | C | P267111 | SUBAWARD 586648 | Berggren /Karl K | 09/01/20 | 08/31/22 | 187,778 | 248,165 | 60,387 |
| | | 6946212 | C | P267111 | SUBAWARD 586648 | Polyanskiy /Yury | 09/01/20 | 08/31/22 | 0 | 51,703 | 51,703 |
| | | 6947015 | C | P267111 | SUBAWARD 586648 | Englund /Dirk R. | 09/01/20 | 08/31/22 | 13,684 | 35,534 | 21,850 |
| | 007616 University of Southern California | 6937619 | C | P153000 | 91255352 | Herring /Thomas A | 05/01/17 | 04/30/18 | 0 | 29,999 | (0) |
| | | 6940865 | C | P153000 | 91255352 / PO10614338 | Nakata /Norimitsu | 02/01/19 | 01/31/20 | 0 | 29,995 | (0) |
| | | 6946539 | C | P153000 | 91255352 / PO10614338 | Floyd /Michael | 02/01/21 | 01/31/23 | 23,659 | 35,000 | 11,341 |
| | | 6946540 | C | P153000 | 91255352 / PO10614338 | Cattania /Camilla | 02/01/21 | 01/31/23 | 28,690 | 35,430 | 6,740 |
| | 007618 University of Colorado Boulder | 6945196 | C | P267100 | PO 1001483847 | Vuletic /Vladan | 09/01/20 | 08/31/25 | 196,504 | 268,580 | 48,913 |
| | | 6945274 | C | P267100 | PO 1001483847 | Vuletic /Vladan | 09/01/20 | 08/31/25 | 108,590 | 111,420 | (3,738) |
| | 007623 University of Chicago | 6946172 | C | P152000 | AWD101244 (SUB00000549) | Freedman /Danna Erit | 09/01/20 | 08/31/22 | 21,518 | 30,000 | 8,482 |
| | | 6946863 | C | P152000 | AWD101244 (SUB00000549) | Freedman /Danna Erit | 09/01/21 | 08/31/22 | 19,797 | 30,000 | 10,203 |
| | 007633 University of Maryland | 6941887 | C | P267111 | 81350-Z3438201 | Englund /Dirk R. | 09/01/19 | 08/31/23 | 201,811 | 517,273 | 280,823 |
| | | 6942164 | C | P267110 | 81350-Z3438201 | Lloyd /Seth | 09/01/19 | 08/31/23 | (17,658) | 0 | 0 |
| | | 6943962 | C | P267111 | 81350-Z3438201 | Englund /Dirk R. | 09/01/19 | 08/31/23 | 0 | 50,000 | 49,589 |
| | | 6945525 | C | P065005 | 81350-Z3438201 | Lloyd /Seth | 09/01/19 | 08/31/23 | 121,710 | 350,000 | 228,290 |
| | | 6946126 | C | P267111 | 81350-Z3438201 | Englund /Dirk R. | 09/01/19 | 08/31/23 | 23,903 | 43,185 | 19,282 |
| | | 6947256 | C | P267111 | 81350-Z3438201 | Englund /Dirk R. | 09/01/19 | 08/31/23 | 2,676 | 25,000 | 22,324 |
| | | 6947462 | C | P267111 | 81350-Z3438201 | Englund /Dirk R. | 09/01/19 | 08/31/23 | 425 | 10,000 | 9,575 |
| | 007637 University of Te | 6939541 | C | P063007 | UTA18-001151 | Polz /Martin F | 09/01/18 | 08/31/21 | (832) | 480,305 | (0) |
| | 007639 University of Washington | 6924726 | C | P267500 | UWSC6200 (BPO39607) | Anikeeva /Polina Olegovna | 07/15/11 | 07/31/21 | (368) | 186,422 | 0 |
| | | 6934495 | C | P267500 | UWSC6200 (BPO39607) | Anikeeva /Polina Olegovna | 08/01/16 | 07/31/21 | (2,441) | 110,226 | 0 |
| | | 6934497 | C | P267500 | UWSC6200 (BPO4405) | Anikeeva /Polina Olegovna | 08/01/16 | 07/31/21 | 276 | 638,716 | 0 |
| | | 6939078 | C | P400600 | UWSC6200 (BPO4405) | Graybiel /Ann M | 08/01/17 | 07/31/21 | (8) | 275,106 | 0 |
| | | 6946949 | C | P159900 | SUB# UWSC13243 / PO# 61724 | Harris /Philip Coleman | 10/01/21 | 09/30/22 | 14,704 | 135,000 | 120,296 |
| | | 6947058 | C | P159900 | SUB# UWSC13243 / PO# 61724 | Harris /Philip Coleman | 10/01/22 | 09/30/23 | 444 | 0 | (444) |
| | | 6947059 | C | P159900 | SUB# UWSC13243 / PO# 61724 | Harris /Philip Coleman | 10/01/23 | 09/30/24 | 606 | 0 | (606) |
| | | 6947741 | C | P267000 | SUB# UWSC13243 / PO# 61724 | Han /Song | 10/01/21 | 09/30/22 | 2,811 | 135,000 | 132,189 |
| | | 6947742 | C | P159600 | SUB# UWSC13243 / PO# 61724 | Katsavounidis /Erotokritos | 10/01/21 | 09/30/22 | 0 | 87,148 | 87,148 |
| | 007641 University of Michigan | 6945681 | C | P159900 | SUBK00012431 | Conrad /Janet Marie | 05/01/21 | 04/30/23 | 0 | 116,836 | 116,836 |
| | | 6946531 | C | P121012 | SUBK00015726 / PO# 3006717538 | Rand /David Gertler | 10/01/21 | 09/30/22 | 68,576 | 83,926 | 15,350 |
| | 007647 University of Wi | 6944936 | C | P091020 | 1174 | Duru /Maya J | 05/01/20 | 04/30/23 | 2,203 | 22,326 | 11,620 |
| | 007661 Virginia Polytecl | 6944790 | C | P067952 | 480458-19825 | Clark /David D | 12/28/20 | 07/31/21 | 7,668 | 25,000 | 0 |
| | 007673 UNAVCO | 6939638 | C | P153000 | S18-EAR1724794-S2 | Herring /Thomas A | 10/01/18 | 09/30/22 | 115,881 | 473,985 | 58,417 |
| | 007676 University of California - Berkeley | 6923266 | C | P060600 | 00007444 | Bulovic /Vladimir | 06/24/10 | 08/31/21 | (1) | 143,325 | (1,321) |
| | | 6923300 | C | P060600 | 00007444 | Bulovic /Vladimir | 06/24/10 | 08/31/21 | 66,673 | 356,180 | 0 |
| | | 6923302 | C | P060600 | 00007444 | Bulovic /Vladimir | 06/24/10 | 08/31/21 | 352 | 1,608,538 | (0) |
| | | 6923303 | C | P060600 | 00007444 | del Alamo /Jesus A | 06/24/10 | 08/31/21 | 24,492 | 1,563,304 | 0 |
| | | 6923304 | C | P066000 | 00007444 | Fitzgerald /Eugene A | 06/24/10 | 08/31/21 | 9,421 | 1,563,094 | (0) |
| | | 6925775 | C | P152000 | 00007444 | Swager /Timothy M | 06/24/10 | 08/31/21 | 4,614 | 1,020,542 | 0 |
| | | 6929285 | C | P062000 | SUBAWARD 00008317/MCB-1330914 | Prather /Kristala L | 09/15/13 | 08/31/20 | (93) | 6,270 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6934142 | C | P267100 | 00007444 | Kong /Jing | 06/24/10 | 08/31/21 | 148 | 626,086 | (0) |
| | | 6935339 | C | P159600 | 00009391 | Hewitt /Jacqueline N | 09/15/16 | 08/31/21 | (1,077) | 471,977 | 0 |
| | | 6944369 | C | P154500 | 00010462 | Rakhlin /Alexander | 09/01/20 | 08/31/22 | 66,741 | 434,200 | 367,460 |
| | | 6944407 | C | P159900 | 10434 | Harrow /Aram W. | 09/01/20 | 08/31/22 | 124,868 | 400,000 | 266,636 |
| | | 6944675 | C | P154000 | 10462 | Mossel /Elchanan | 09/01/20 | 08/31/22 | 140,618 | 392,027 | 236,416 |
| | | 6944676 | C | P154000 | 10462 | Sun /Nike | 09/01/20 | 08/31/22 | 54,190 | 253,773 | 199,583 |
| | | 6945469 | C | P159600 | 00010001 | Hewitt /Jacqueline N | 10/01/20 | 09/30/22 | 117,142 | 296,759 | 158,113 |
| | | 6946148 | C | P066000 | 00010799 | Alexander-Katz /Alfredo | 09/01/21 | 08/31/22 | 41,947 | 115,000 | 73,053 |
| | 007680 University of Rochester | 6932946 | C | P153000 | 416750G | Follows /Michael J | 10/01/15 | 09/30/22 | 3,935 | 347,470 | 354 |
| | | 6944701 | C | P153000 | 417873-G / UR FAO GR511147 | Seager /Sara | 08/15/20 | 07/31/22 | 250,041 | 326,626 | 35,760 |
| | 007720 University of Te | 6946419 | C | P154500 | 2008652 / PO S316006 | Schulz /Laura E | 09/01/21 | 08/31/22 | 0 | 244,523 | 244,523 |
| | 007741 University of Maryland - College Park | 6944724 | C | P267111 | 93943-Z3687203 | Englund /Dirk R. | 09/15/20 | 05/31/22 | 101,899 | 120,145 | (41) |
| | | 6945073 | C | P267111 | 93943-Z3687203 | Englund /Dirk R. | 09/15/20 | 05/31/22 | 40,098 | 50,000 | 1,960 |
| | | 6946827 | C | P267111 | 104990-Z3811201 | Englund /Dirk R. | 10/01/21 | 09/30/23 | 15,000 | 366,375 | 351,375 |
| | 007766 Wayne State Ur | 6943723 | C | P159900 | WSU20080; GRANT INDEX 301675 | Roland /Gunther M | 07/01/20 | 06/30/22 | 42,543 | 98,353 | 55,810 |
| | 007783 West Virginia Ui | 6945310 | C | P159600 | 20-494-MIT / PO MM000350453 | Masui /Kiyoshi | 10/01/20 | 09/30/22 | 122,904 | 228,028 | 99,642 |
| | 007827 Woods Hole Oc | 6946535 | C | P153000 | A101550 | Braakman /Rogier | 10/01/21 | 09/30/22 | 21,141 | 149,565 | 128,424 |
| | 010334 Temple Univers | 6946451 | C | P030001 | 268495-MIT / P0682027 | Williams /Sarah E | 01/01/22 | 12/31/22 | 3,925 | 15,001 | 11,076 |
| | 010356 Montana State I | 6929216 | C | P069201 | G111-14-W4576 | Voigt /Christopher A. | 09/01/13 | 08/31/16 | (45,040) | 614,001 | (0) |
| | 011681 Kansas State U | 6937873 | C | P066000 | A00-0361-S002 | Olivetti /Elsa A | 01/01/18 | 12/31/22 | 115,675 | 320,889 | 121,087 |
| | 101870 University of Ca | 6937849 | C | P267111 | 0160 G VB426 | Wong /Ngai Chuen | 10/01/17 | 09/30/21 | 44,147 | 650,000 | 0 |
| | 102236 The Smithsonia | 6942136 | C | P401710 | SV0-09003 | Fish /Vincent L. | 10/01/19 | 09/30/23 | 513,421 | 1,723,776 | 315,052 |
| | 104607 Transaera, Inc. | 6944840 | C | P062000 | AGREEMENT EFFECTIVE 1/1/2021 | Roman /Yuriy | 10/01/20 | 04/30/22 | 53,534 | 93,275 | (3,027) |
| | | 6946510 | C | P062000 | AGREEMENT EFFECTIVE 1/1/2021 | Roman /Yuriy | 10/01/20 | 04/30/22 | 0 | 0 | 0 |
| | 105499 Internet2 | 6940634 | C | P159900 | 1042-B | Harris /Philip Coleman | 04/15/19 | 12/31/21 | (457) | 80,486 | 0 |
| | | 6943616 | C | P159900 | 1042-B-1 | Harris /Philip Coleman | 08/01/20 | 12/31/21 | 79,756 | 612,860 | 0 |
| | 105632 University of Ok | 6940566 | C | P153000 | 2019-46 | Nakata /Norimitsu | 01/01/19 | 03/31/23 | 31,771 | 284,121 | 128,910 |
| | 107569 Harvard Kennec | 6945481 | C | P091020 | 100886-5117755 | Olken /Benjamin | 05/01/21 | 04/30/23 | 9,988 | 18,795 | 8,807 |
| | 107789 AMERICAN MU | 6945784 | C | P093800 | B52-2021-1, PO# 118733 | Lee /Irene A. | 07/01/21 | 06/30/23 | 136,061 | 389,924 | 253,863 |
| | **Total by Primary Sponsor** | | | | | | | | **87,353,377** | **477,400,877** | **132,584,848** |
| 000600 U.S. Department of Agriculture | 000600 U.S. Departmer of Agriculture | 6936054 | C | P063007 | 59-8042-7-007 | Bourouiba /Lydia | 07/01/16 | 07/31/21 | 13,967 | 459,999 | 0 |
| | | 6943822 | C | P035000 | 58-6000-0-0051 | Glasmeier /Amy K | 08/14/20 | 07/31/22 | 11,603 | 25,000 | 13,398 |
| | | 6944843 | C | P062000 | 2021-67021-33999 | Strano /Michael S. | 01/15/21 | 01/14/25 | 66,861 | 480,000 | 394,696 |
| | 007485 Tufts University | 6946395 | C | P063007 | 104049-00001:AG0032;EP0210852 | Buehler /Markus J | 09/01/21 | 08/31/23 | 25,733 | 200,000 | 174,267 |
| | 107080 Plasma Energy | 6943986 | C | P065004 | SBIR DTD 09/04/2020 | Heywood /John B | 09/01/20 | 03/31/21 | 15,158 | 32,891 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **133,321** | **1,197,890** | **582,361** |
| 000607 U.S. Department of Commerce-NIST (Natl Inst of Stand & Tech) | 000607 U.S. Departmer | 6943145 | C | P039020 | 70NANB20H014 | Gershenfeld /Neil A | 04/01/20 | 03/31/23 | 234,714 | 629,641 | 194,072 |
| | 000708 U Delaware: National Institute for Innovation in Manufacturing | 6937002 | C | P069400 | AGREEMENT EFFECTIVE 5/4/17 | Han /Jongyoon | 05/04/17 | 05/16/23 | 0 | 1,273 | 1,273 |
| | | 6941812 | C | P069400 | PC2.1-036 / PO 55644 | Braatz /Richard D | 09/01/19 | 11/30/21 | 38,270 | 363,256 | (0) |
| | | 6941814 | C | P069400 | PC1.0-006 / PO# 53391 | Van Vliet /Krystyn J | 09/03/19 | 12/02/21 | 139,298 | 563,910 | 1,892 |
| | | 6943411 | C | P069400 | PC2.1-037 | Han /Jongyoon | 06/15/20 | 01/31/22 | 83,042 | 370,826 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946724 | C | P069400 | UDR0000095 ARP-14 | Springs /Stacy | 10/05/21 | 01/02/23 | 416,139 | 845,657 | 429,518 |
| | | 6946761 | C | P069400 | UDR0000063 ARP-28 | Love /John C | 11/15/21 | 10/31/22 | 140,398 | 462,301 | 321,903 |
| | | 6946925 | C | P069201 | UDR0000095 ARP-14 | Weiss /Ron | 10/05/21 | 01/02/23 | 73,313 | 246,843 | 173,530 |
| | | 6946973 | C | P069400 | UDR0000114 NMBL 1006 | Braatz /Richard D | 02/01/22 | 01/31/23 | 131,034 | 516,775 | 385,741 |
| | 006876 Northwestern U | 6943285 | C | P417500 | 60052977 MIT | Olson /Gregory B. | 01/01/20 | 12/31/22 | 194,731 | 342,715 | 87,349 |
| | 102127 Advanced Func | 6947746 | C | P417500 | MASTER AGREEMENT NO. 22-B-003 | Rutledge /Gregory C | 06/01/22 | 05/31/25 | 0 | 591,500 | 591,500 |
| | **Total by Primary Sponsor** | | | | | | | | **1,450,938** | **4,934,696** | **2,186,778** |
| 000609 US Dept. of Commerce - Economic Dev. Admin. | 007591 University of Ma | 6945859 | C | P065004 | S51700000049091 | Hart /Anastasios John | 04/16/21 | 04/15/23 | 207,957 | 573,378 | 365,421 |
| | **Total by Primary Sponsor** | | | | | | | | **207,957** | **573,378** | **365,421** |
| 000610 U.S. Department of Commerce - NOAA | 000610 U.S. Departmer of Commerce - NOAA | 6929300 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/19 | 0 | 469,408 | 456,297 |
| | | 6929301 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/19 | 0 | 1,511,112 | 0 |
| | | 6929302 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 29,440 | (0) |
| | | 6929303 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 223,969 | (0) |
| | | 6929304 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 474,599 | 0 |
| | | 6929305 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/19 | 0 | 907,382 | (0) |
| | | 6929306 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 281,476 | 0 |
| | | 6929307 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 188,258 | (0) |
| | | 6929308 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 45,881 | 0 |
| | | 6929309 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 542,020 | 0 |
| | | 6929311 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 149,998 | 0 |
| | | 6929312 | C | P266300 | NA14OAR4170077 | Triantafyllou /Michael S | 02/01/14 | 08/31/18 | 0 | 292,528 | 0 |
| | | 6929314 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 73,023 | 0 |
| | | 6929315 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 74,347 | 0 |
| | | 6929316 | C | P266300 | NA14OAR4170077 | Lermusiaux /Pierre | 02/01/14 | 01/31/17 | 0 | 99,998 | 0 |
| | | 6929317 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/18 | 0 | 125,507 | 0 |
| | | 6929318 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 190,151 | 0 |
| | | 6929319 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 175,000 | 0 |
| | | 6929320 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 164,325 | 0 |
| | | 6929321 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 84,665 | 0 |
| | | 6929322 | C | P266300 | NA14OAR4170077 | Downes /Timothy R | 02/01/14 | 08/31/18 | 0 | 28,105 | 0 |
| | | 6929749 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 2,916 | (0) |
| | | 6929750 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 01/31/17 | 0 | 5,077 | (0) |
| | | 6930191 | C | P266300 | NA14OAR4170077 | Triantafyllou /Michael S | 05/01/14 | 08/31/19 | 0 | 42,406 | 0 |
| | | 6931357 | C | P266300 | NA14OAR4170077 | Cooke /Chathan M | 01/05/15 | 05/31/17 | 0 | 12,241 | 0 |
| | | 6931444 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/15 | 01/31/18 | 0 | 149,569 | 0 |
| | | 6931445 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/15 | 07/31/17 | 0 | 150,001 | 0 |
| | | 6931446 | C | P266300 | NA14OAR4170077 | Cooke /Chathan M | 02/01/15 | 05/31/17 | 0 | 128,181 | 0 |
| | | 6931447 | C | P266300 | NA14OAR4170077 | Fang /Xuanlai | 02/01/15 | 01/31/17 | 0 | 149,279 | 0 |
| | | 6931448 | C | P266300 | NA14OAR4170077 | Hemond /Harold F | 02/01/15 | 01/31/18 | 0 | 137,671 | (0) |
| | | 6931449 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/15 | 08/31/18 | 0 | 150,000 | 0 |
| | | 6931450 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/15 | 01/31/18 | 0 | 44,173 | (0) |
| | | 6932301 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/18 | 0 | 199,996 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932302 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/18 | 0 | 150,001 | 0 |
| | | 6932320 | C | P266300 | NA14OAR4170077 | Hemond /Harold F | 02/01/15 | 01/31/18 | 0 | 12,084 | 0 |
| | | 6933427 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/16 | 08/31/18 | 0 | 197,946 | 0 |
| | | 6933428 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/16 | 08/31/18 | 0 | 195,623 | 0 |
| | | 6933429 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/16 | 08/31/18 | 0 | 198,884 | (0) |
| | | 6934068 | C | P063007 | NA16OAR4310112 | Kroll /Jesse | 07/01/16 | 06/30/21 | 2,555 | 278,247 | (0) |
| | | 6934154 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/16 | 01/31/17 | 0 | 9,848 | 0 |
| | | 6934225 | C | P063007 | NA16OAR4310112 | Heald /Colette L. | 07/01/16 | 06/30/21 | (84) | 246,884 | 0 |
| | | 6934368 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/16 | 01/31/17 | 0 | 4,183 | 0 |
| | | 6934381 | C | P153000 | NA16OAR4310177 | Marshall /John C | 07/01/16 | 06/30/21 | 1,326 | 565,252 | (0) |
| | | 6934971 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 09/01/16 | 01/31/18 | 0 | 2,162 | (0) |
| | | 6935570 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 03/01/16 | 08/31/17 | 0 | 5,017 | 0 |
| | | 6935634 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 11/01/16 | 10/31/17 | 0 | 968 | 0 |
| | | 6935744 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/17 | 08/31/18 | 0 | 327,326 | (0) |
| | | 6935745 | C | P266300 | NA14OAR4170077 | Swager /Timothy M | 02/01/17 | 08/31/18 | 0 | 49,413 | 0 |
| | | 6935746 | C | P266300 | NA14OAR4170077 | Triantafyllou /Michael S | 02/01/17 | 08/31/18 | 0 | 91,824 | 0 |
| | | 6935811 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/17 | 08/31/18 | 0 | 12,774 | 0 |
| | | 6936755 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 07/01/17 | 08/31/18 | 0 | 3,861 | 0 |
| | | 6937000 | C | P266300 | NA14OAR4170077 | Triantafyllou /Michael S | 09/01/17 | 08/31/18 | 0 | 3,936 | 0 |
| | | 6937018 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 08/01/17 | 01/31/19 | 0 | 8,471 | 0 |
| | | 6937540 | C | P266300 | NA14OAR4170077 | Liu /Yuming | 10/01/17 | 11/30/18 | 0 | 10,000 | 0 |
| | | 6938055 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 0 | 7,354 | 7,354 |
| | | 6938074 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 224,862 | 1,536,188 | 40,370 |
| | | 6938075 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 05/31/22 | 0 | 11,663 | 0 |
| | | 6938076 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 167,216 | 868,698 | 8,810 |
| | | 6938077 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 05/31/22 | 61,980 | 311,843 | 72,268 |
| | | 6938078 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 02/28/22 | 98,615 | 430,710 | 4,617 |
| | | 6938079 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 05/31/22 | 32,697 | 199,334 | 76 |
| | | 6938080 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 10/31/22 | 87,897 | 607,150 | 1,502 |
| | | 6938081 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 73,027 | 398,426 | 694 |
| | | 6938082 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 32,074 | 100,000 | 9,573 |
| | | 6938083 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 9,331 | 208,911 | 12,673 |
| | | 6938084 | C | P266300 | NA18OAR4170105 | Swager /Timothy M | 02/01/18 | 07/31/19 | 0 | 99,410 | (0) |
| | | 6938085 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/22 | 6,403 | 179,749 | 0 |
| | | 6938086 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/22 | 71,056 | 194,204 | 0 |
| | | 6938087 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/21 | 0 | 90,055 | 0 |
| | | 6938088 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 02/28/22 | 16,174 | 98,410 | (331) |
| | | 6938089 | C | P266300 | NA18OAR4170105 | Cooke /Chathan M | 02/01/18 | 01/31/21 | 0 | 167,213 | 0 |
| | | 6938104 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 7,853 | 18,249 | 4,072 |
| | | 6938615 | C | P266300 | NA18OAR4170105 | Gershenfeld /Neil A | 02/01/18 | 01/31/20 | 0 | 9,139 | (0) |
| | | 6938755 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 02/01/18 | 01/31/21 | 1 | 335,839 | (0) |
| | | 6939220 | C | P063007 | NA18OAR4310110 | Kroll /Jesse | 07/01/18 | 06/30/21 | 10,196 | 273,731 | 561 |
| | | 6939408 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 07/01/18 | 01/31/20 | 0 | 123,085 | 0 |
| | | 6939601 | C | P153000 | NA18NWS4680058 | Emanuel /Kerry Andrew | 09/01/18 | 12/31/22 | 8,485 | 339,571 | 3,027 |
| | | 6939984 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 07/01/18 | 07/31/20 | 0 | 7,501 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940016 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 07/01/18 | 06/30/20 | 0 | 5,000 | 0 |
| | | 6940572 | C | P266300 | NA18OAR4170105 | Chryssostomidis /Chryssostomo | 02/01/19 | 01/31/21 | 0 | 53,878 | (0) |
| | | 6940986 | C | P266300 | NA18OAR4170105 | Lermusiaux /Pierre | 02/01/19 | 01/31/23 | 59,169 | 200,000 | 3,962 |
| | | 6940987 | C | P266300 | NA18OAR4170105 | Liu /Yuming | 02/01/19 | 01/31/21 | 0 | 199,896 | 0 |
| | | 6940988 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 02/01/19 | 06/30/22 | 37,622 | 193,605 | 1 |
| | | 6940989 | C | P266300 | NA18OAR4170105 | Yue /Dick K. P. | 02/01/19 | 01/31/21 | 0 | 188,517 | 0 |
| | | 6941384 | C | P266300 | NA18OAR4170105 | Pederson /Judith | 08/01/19 | 01/31/20 | 0 | 2,625 | (0) |
| | | 6941385 | C | P266300 | NA18OAR4170105 | Liu /Yuming | 09/01/19 | 08/31/21 | 50,465 | 94,689 | 8 |
| | | 6941572 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | (0) | 39,999 | 31,069 |
| | | 6941574 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 01/31/23 | 86,217 | 200,000 | 30,913 |
| | | 6941728 | C | P063007 | NA19OAR4310180 | Heald /Colette L. | 09/01/19 | 08/31/22 | 104,972 | 360,496 | 126,968 |
| | | 6942224 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 09/01/19 | 02/28/22 | (73) | 8,474 | 3,542 |
| | | 6942786 | C | P266300 | NA18OAR4170105 | Benjamin /Michael R | 02/01/20 | 12/31/21 | 65,623 | 179,949 | (181) |
| | | 6942787 | C | P266300 | NA18OAR4170105 | Fink /Yoel | 02/01/20 | 10/31/21 | 40,875 | 180,000 | 72 |
| | | 6942788 | C | P266300 | NA18OAR4170105 | Techet /Alexandra H | 02/01/20 | 05/31/22 | 0 | 190,000 | 184,378 |
| | | 6942789 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/20 | 01/31/23 | 77,301 | 180,000 | 60,848 |
| | | 6942790 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/20 | 01/31/23 | 93,596 | 204,878 | 38,879 |
| | | 6942866 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 03/01/20 | 01/31/22 | 2,667 | 6,000 | 15 |
| | | 6943107 | C | P266300 | NA18OAR4170105 | Yue /Dick K. P. | 02/01/20 | 01/31/21 | 0 | 10,086 | 0 |
| | | 6943452 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 06/01/20 | 06/30/22 | 33,118 | 100,000 | (2,797) |
| | | 6944041 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 09/01/20 | 01/31/23 | 55,031 | 200,000 | 104,137 |
| | | 6944042 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 09/01/20 | 01/31/23 | 85,703 | 228,995 | 45,060 |
| | | 6944043 | C | P266300 | NA18OAR4170105 | Anthony /Brian | 09/01/20 | 01/31/23 | 52,926 | 190,000 | 28,015 |
| | | 6944079 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 09/01/20 | 01/31/23 | 13,830 | 40,000 | 22,409 |
| | | 6945023 | C | P266300 | NA18OAR4170105 | Sapsis /Themistoklis Panagioti | 02/01/20 | 01/31/23 | 41,183 | 100,000 | 58,817 |
| | | 6945024 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/21 | 01/31/23 | 87,236 | 189,999 | 102,763 |
| | | 6945025 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/21 | 01/31/23 | 51,755 | 170,000 | 118,245 |
| | | 6945026 | C | P266300 | NA18OAR4170105 | Liu /Yuming | 02/01/21 | 01/31/22 | 23,740 | 79,988 | 89 |
| | | 6945027 | C | P266300 | NA18OAR4170105 | Yue /Dick K. P. | 02/01/21 | 01/31/23 | 106,673 | 144,220 | 24,091 |
| | | 6945029 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/21 | 01/31/23 | 15,582 | 35,900 | 20,318 |
| | | 6945253 | C | P266300 | NA18OAR4170105 | Yue /Dick K. P. | 02/01/21 | 12/31/22 | 1,717 | 5,644 | 706 |
| | | 6945801 | C | P063007 | NA21OAR4590170 | Entekhabi /Dara | 08/01/21 | 07/31/23 | 59,407 | 196,697 | 137,290 |
| | | 6945807 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 08/01/21 | 07/31/22 | 4,607 | 49,999 | 45,392 |
| | | 6945902 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 08/01/21 | 08/31/22 | 6,745 | 78,570 | 71,825 |
| | | 6945927 | C | P266301 | NA21OAR4170389 | Triantafyllou /Michael S | 09/01/21 | 02/29/24 | 7,949 | 43,750 | 35,801 |
| | | 6945941 | C | P266301 | NA21OAR4170339 | Triantafyllou /Michael S | 08/01/21 | 07/31/23 | 0 | 200,000 | 200,000 |
| | | 6946532 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 10/01/21 | 09/30/22 | 13,980 | 50,000 | 36,020 |
| | | 6946533 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 10/01/21 | 09/30/22 | 966 | 43,975 | 43,009 |
| | | 6947069 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 93,648 | 93,648 |
| | | 6947101 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 55,065 | 365,704 | 310,639 |
| | | 6947102 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 1,530 | 204,667 | 203,137 |
| | | 6947103 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 62,040 | 62,040 |
| | | 6947104 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 220,865 | 220,865 |
| | | 6947105 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 1,474 | 123,950 | 122,476 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947106 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 11,265 | 109,737 | 98,473 |
| | | 6947107 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 162,235 | 162,235 |
| | | 6947108 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 27,202 | 86,953 | 59,752 |
| | | 6947109 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 27,533 | 142,596 | 115,063 |
| | | 6947110 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 4,776 | 104,625 | 99,849 |
| | | 6947111 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 41,910 | 210,878 | 168,968 |
| | | 6947112 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 106,179 | 106,179 |
| | | 6947113 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 0 | 108,860 | 108,860 |
| | | 6947114 | C | P266300 | NA22OAR4170126 | Liu /Yuming | 02/01/22 | 01/31/23 | 0 | 79,988 | 79,988 |
| | | 6947115 | C | P266300 | NA22OAR4170126 | Sapsis /Themistoklis Panagioti | 02/01/22 | 01/31/23 | 8,830 | 100,000 | 91,170 |
| | | 6947147 | C | P266300 | NA22OAR4170126 | Keyes /Elizabeth R | 02/01/22 | 01/31/23 | 4,469 | 6,188 | 1,719 |
| | | 6947148 | C | P266300 | NA22OAR4170126 | Bray /William | 02/01/22 | 01/31/23 | 0 | 9,387 | 9,387 |
| | | 6947704 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 06/01/22 | 05/31/23 | 0 | 12,408 | 12,408 |
| | 002039 Aerodyne Rese | 6941818 | C | P063007 | ARI 11519-1 | Kroll /Jesse | 06/27/19 | 06/23/21 | 3,165 | 48,486 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,379,466** | **23,299,063** | **4,320,082** |
| 000618 U.S. Department of Education | 000618 U.S. Departmer of Education | 6932945 | C | P061093 | P116F150045 | Willcox /Karen E | 10/01/15 | 09/30/20 | 0 | 2,891,882 | 917,356 |
| | | 6944197 | C | P405073 | 91990020C0105 | Schmidt /Jan Philipp | 09/25/20 | 03/28/22 | 252,409 | 448,850 | 339 |
| | **Total by Primary Sponsor** | | | | | | | | **252,409** | **3,340,732** | **917,696** |
| 000626 U.S. Federal Emergency Management Agency | 000626 U.S. Federal En | 6944384 | C | P031000 | 70FB7020C00000019 | Mazereeuw /Miho | 09/15/20 | 09/14/22 | 79,538 | 205,660 | 100,241 |
| | 011465 CNA | 6942074 | C | P069500 | 19-MIT-9-1478-MSTR | Sheffi /Yosef | 07/31/19 | 09/27/23 | 0 | 7,142 | 7,142 |
| | | 6942075 | C | P069500 | PO-0023764/PROJECT NO. 1487.000 | Sheffi /Yosef | 07/31/19 | 08/06/19 | 0 | 14,073 | 0 |
| | | 6942076 | C | P069500 | PO-0023790/PROJECT NO. 1487.000 | Sheffi /Yosef | 08/28/19 | 09/11/19 | 0 | 27,984 | (0) |
| | | 6942077 | C | P069500 | PO-0023838/PROJECT NO. 1487.000 | Sheffi /Yosef | 09/17/19 | 12/16/19 | 0 | 8,337 | 0 |
| | | 6942078 | C | P069500 | 19-MIT-9-1478-MSTR | Sheffi /Yosef | 09/17/19 | 12/16/19 | 0 | 8,428 | 0 |
| | | 6942846 | C | P069500 | PO-0024040/1487.0006.D015.00 | Sheffi /Yosef | 01/14/20 | 01/12/21 | 0 | 111,217 | 0 |
| | | 6942847 | C | P069500 | PO-0024040/1487.0005.D012.00 | Sheffi /Yosef | 01/07/20 | 01/14/20 | 0 | 13,791 | 0 |
| | | 6943012 | C | P069500 | PO-0024108/1487.0007.E068.00 | Sheffi /Yosef | 03/16/20 | 03/30/20 | 0 | 25,254 | (0) |
| | | 6943136 | C | P069500 | PO-0024147/1487.0009.E088.00 | Goentzel /Jarrod | 04/14/20 | 04/27/20 | 0 | 33,271 | (0) |
| | | 6943159 | C | P069500 | PO-0024126/1487.0008.E083.00 | Sheffi /Yosef | 03/31/20 | 04/13/20 | 0 | 32,928 | 0 |
| | | 6943284 | C | P069500 | PO-0024167/1487.0010.E100.00 | Goentzel /Jarrod | 04/28/20 | 05/11/20 | 0 | 32,964 | 0 |
| | | 6943319 | C | P069500 | PO-0024177/1487.0011.E119.0 | Goentzel /Jarrod | 05/12/20 | 05/25/20 | 0 | 27,444 | (0) |
| | | 6943390 | C | P069500 | PO-0024201/1487.0012.E143.00 | Sheffi /Yosef | 05/26/20 | 06/08/20 | 0 | 27,644 | (0) |
| | | 6943450 | C | P069500 | PO-0024219/1487.0013.E56.00 | Sheffi /Yosef | 06/09/20 | 06/15/20 | 0 | 13,920 | 0 |
| | | 6943998 | C | P069500 | PO-0024337/1487.0014.E196.00 | Goentzel /Jarrod | 08/23/20 | 08/29/20 | 6,726 | 15,576 | 0 |
| | | 6944006 | C | P069500 | PO-0024342/1487.0015.E198.00 | Goentzel /Jarrod | 08/30/20 | 09/05/20 | 6,115 | 16,756 | 0 |
| | | 6944341 | C | P069500 | PO-0024408/1487.0016.E268.00 | Goentzel /Jarrod | 08/30/20 | 02/28/22 | 95,632 | 122,400 | (9,916) |
| | | 6944392 | C | P069500 | PO-0024446/1487.0017.E269.00 | Sheffi /Yosef | 10/08/20 | 10/14/20 | 0 | 17,788 | 0 |
| | | 6945756 | C | P069500 | PO-0024727/1487.0018.E466.00 | Goentzel /Jarrod | 06/10/21 | 08/08/21 | 141,232 | 141,232 | (0) |
| | | 6946235 | C | P069500 | PO-0024818/1487.0019.E499.00 | Sheffi /Yosef | 08/21/21 | 08/24/21 | 6,242 | 6,242 | (0) |
| | | 6946236 | C | P069500 | PO-0024825/1487.0020.E504.00 | Goentzel /Jarrod | 08/29/21 | 09/04/21 | 15,500 | 15,500 | 0 |
| | | 6946237 | C | P069500 | PO-0024841/1487.0020.E504.00 | Goentzel /Jarrod | 09/05/21 | 09/11/21 | 15,549 | 15,549 | (0) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **366,533** | **941,101** | **97,467** |
| 000634 U.S. Environmental Protection Agency | 000634 U.S. Environmental Protectio Agency | 6933788 | C | P165000 | 83618301 | Kroll /Jesse | 05/01/16 | 04/30/22 | 11,437 | 345,467 | (475) |
| | | 6933789 | C | P165000 | 83618301 | Kroll /Jesse | 05/01/16 | 06/30/21 | 7,379 | 194,862 | 0 |
| | | 6933827 | C | P165000 | 83618301 | Heald /Colette L. | 05/01/16 | 04/30/22 | 753 | 30,183 | (0) |
| | | 6933897 | C | P165000 | 83618301 | Kroll /Jesse | 05/01/16 | 04/30/22 | 301 | 103,730 | (0) |
| | | 6938564 | C | P165000 | 83618301 | Kroll /Jesse | 04/01/18 | 04/30/22 | 20,000 | 75,757 | 0 |
| | | 6943735 | C | P063007 | 84000501-0 | Kroll /Jesse | 08/01/20 | 07/31/23 | 30,581 | 531,072 | 464,505 |
| | | 6945085 | C | P063007 | 84000501-0 | Heald /Colette L. | 08/01/20 | 07/31/23 | 7,971 | 268,595 | 260,624 |
| | 006937 RTI Internationa | 6944125 | C | P159400 | 1-312-0217117-65876L | Yuan /Mei | 09/01/20 | 05/18/22 | 47,783 | 75,000 | 301 |
| | 006977 Harvard School | 6934711 | C | P159400 | 112544-5087396 | Selin /Noelle E | 12/01/15 | 11/30/22 | 201,940 | 1,496,530 | 112,224 |
| | 007661 Virginia Polytecl | 6947739 | C | P063007 | 451767-19825 | Kroll /Jesse | 05/01/22 | 04/01/25 | 0 | 190,996 | 190,996 |
| | 007845 Yale University | 6939096 | C | P063007 | GR103296 (CON-80001289) | Plata /Desiree Louise | 07/01/18 | 08/31/21 | 513 | 311,513 | 11 |
| | **Total by Primary Sponsor** | | | | | | | | **328,657** | **3,623,706** | **1,028,186** |
| 000642 Institute of Museum and Library Services | 000642 Institute of Mus | 6945915 | C | P271000 | LG-250130-OLS-21 | Bourg /Mary C | 09/01/21 | 08/31/24 | 62,120 | 321,558 | 259,438 |
| | **Total by Primary Sponsor** | | | | | | | | **62,120** | **321,558** | **259,438** |
| 000654 U.S. National Security Agency/Maryland Procurement Offic | 000654 U.S. National Security Agency/Maryland Procurement Office | 6942169 | C | P267300 | H98230-19-C-0292 | Oliver /William D | 09/13/19 | 09/30/22 | 0 | 0 | 0 |
| | | 6942418 | C | P267300 | H98230-19-C-0292 | Oliver /William D | 09/13/19 | 09/30/21 | 0 | 0 | 0 |
| | | 6942420 | C | P267300 | H98230-19-C-0292 | O'Brien /Kevin | 09/13/19 | 09/30/21 | 35,837 | 99,607 | 0 |
| | | 6944000 | C | P267300 | H98230-19-C-0292 | Oliver /William D | 09/01/20 | 09/30/22 | 0 | 0 | 0 |
| | | 6944001 | C | P267300 | H98230-19-C-0292 | Oliver /William D | 09/13/19 | 09/30/21 | 0 | 25,000 | 25,000 |
| | | 6944567 | C | P267300 | H98230-19-C-0292 | O'Brien /Kevin | 09/13/19 | 09/30/21 | 393 | 393 | (0) |
| | | 6945546 | C | P267300 | H98230-19-C-0292 | O'Brien /Kevin | 09/01/20 | 09/30/22 | 64,252 | 100,000 | 35,748 |
| | | 6946568 | C | P267300 | H98230-19-C-0292 | Notaros /Jelena | 09/01/21 | 09/30/22 | 66,379 | 60,000 | (6,379) |
| | | 6947242 | C | P267300 | H98230-19-C-0292 | Niroui /Farnaz | 10/01/21 | 09/30/22 | 31,474 | 50,000 | 18,526 |
| | | 6947676 | C | P267300 | H98230-19-C-0292 | Oliver /William D | 09/01/21 | 09/30/22 | 0 | 210,000 | 210,000 |
| | 003157 HRL Laboratorie | 6938516 | C | P267200 | 15026-503667-DS | Oliver /William D | 01/01/18 | 04/30/19 | 0 | 400,000 | (0) |
| | 007699 Vanderbilt University | 6938535 | C | P095500 | SUBCONTRACT UNIV60073 | Choucri /Nazli | 01/30/18 | 09/14/22 | 0 | 136,440 | 5,000 |
| | | 6940344 | C | P095500 | SUBCONTRACT UNIV60073 | Choucri /Nazli | 01/30/19 | 09/14/22 | 182,086 | 560,809 | 56,173 |
| | | 6944976 | C | P067952 | P22011798; UNIV62036 | O'Reilly /Una-May | 01/26/21 | 01/29/23 | 246,950 | 239,572 | (7,378) |
| | **Total by Primary Sponsor** | | | | | | | | **627,370** | **1,881,821** | **336,691** |
| 000656 Food and Drug Administration | 000656 Food and Drug Administration | 6939095 | C | P069400 | 1-U01FD006483-01 | Sinskey /Anthony J | 09/01/18 | 08/31/22 | 0 | 2,189,618 | (0) |
| | | 6939503 | C | P069400 | 5-R01-FD006584-03 | Sinskey /Anthony J | 09/20/18 | 08/31/22 | 0 | 498,003 | 0 |
| | | 6939927 | C | P069400 | 1-U01FD006483-01 | Sinskey /Anthony J | 11/01/18 | 08/31/19 | 0 | 5,582 | 0 |
| | | 6941237 | C | P069400 | 5-U01FD006483-02 | Sinskey /Anthony J | 09/01/19 | 08/31/20 | 9,060 | 1,353,855 | (9,060) |
| | | 6941435 | C | P062000 | U01FD006755-02 | Trout /Bernhardt L | 09/01/19 | 08/31/23 | 0 | 0 | 0 |
| | | 6941436 | C | P062000 | U01FD006755-01 | Trout /Bernhardt L | 09/01/19 | 10/31/21 | (36,474) | 277,170 | 24,129 |
| | | 6941441 | C | P069400 | 1-U01-FD006751-01 | Sinskey /Anthony J | 09/01/19 | 08/31/20 | 0 | 1,305,911 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941485 | C | P069400 | 5-R01-FD006584-02 | Sinskey /Anthony J | 09/01/19 | 08/31/20 | (11,797) | 612,583 | (0) |
| | | 6942042 | C | P267110 | 1-U01-FD006751-01 | Han /Jongyoon | 09/01/19 | 08/31/20 | (2,561) | 358,366 | 0 |
| | | 6942043 | C | P267200 | 1-U01-FD006751-01 | Ram /Rajeev J | 09/01/19 | 08/31/20 | (6,344) | 265,643 | 0 |
| | | 6942044 | C | P069400 | 5-U01FD006483-02 | Sinskey /Anthony J | 09/01/19 | 08/31/20 | 0 | 12,275 | 0 |
| | | 6942089 | C | P267200 | 1-U01-FD006751-01 | Ram /Rajeev J | 09/01/19 | 08/31/20 | 0 | 9,090 | 0 |
| | | 6942095 | C | P062000 | U01FD006755-01 | Trout /Bernhardt L | 09/01/19 | 08/31/20 | 12,345 | 47,696 | 0 |
| | | 6942391 | C | P267200 | 1-U01-FD006751-01 | Ram /Rajeev J | 12/01/19 | 08/31/20 | 0 | 17,485 | 0 |
| | | 6943727 | C | P069400 | 5-U01FD006483-02 | Sinskey /Anthony J | 08/01/20 | 08/31/20 | 0 | 15,286 | 0 |
| | | 6943749 | C | P069400 | 5-U01FD006483-03 | Sinskey /Anthony J | 09/01/20 | 08/31/22 | 589,743 | 1,386,665 | 14,573 |
| | | 6943917 | C | P062000 | U01FD006755-02 REVISED | Trout /Bernhardt L | 09/01/20 | 09/01/21 | 9,591 | 582,313 | 110,016 |
| | | 6943928 | C | P069400 | 5-U01-FD006751-02 | Sinskey /Anthony J | 09/01/20 | 08/31/21 | 144,199 | 707,217 | (0) |
| | | 6943929 | C | P267110 | 5-U01-FD006751-02 | Han /Jongyoon | 09/01/20 | 08/31/21 | 112,584 | 336,628 | (0) |
| | | 6943930 | C | P267200 | 5-U01-FD006751-02 | Ram /Rajeev J | 09/01/19 | 08/31/21 | 76,896 | 267,239 | 0 |
| | | 6944005 | C | P069400 | 5-R01-FD006584-03 | Sinskey /Anthony J | 09/01/20 | 08/31/22 | 284,934 | 677,393 | 19,486 |
| | | 6944198 | C | P062000 | U01FD006755-02 | Trout /Bernhardt L | 09/01/20 | 10/31/21 | 610,037 | 740,146 | 0 |
| | | 6944215 | C | P069400 | 1-R01-FD007226-01 | Han /Jongyoon | 09/10/20 | 08/31/21 | 81,621 | 352,711 | 0 |
| | | 6944379 | C | P267110 | 5-U01-FD006751-02 | Han /Jongyoon | 11/01/20 | 08/31/21 | 13,376 | 26,244 | 0 |
| | | 6944901 | C | P069400 | 5-U01FD006483-03 | Sinskey /Anthony J | 09/01/20 | 08/31/22 | 0 | 12,807 | 12,807 |
| | | 6945732 | C | P267200 | 5-U01-FD006751-02 | Ram /Rajeev J | 09/01/20 | 08/31/21 | 9,966 | 9,966 | 0 |
| | | 6945824 | C | P267200 | 5-U01-FD006751-02 | Ram /Rajeev J | 09/01/20 | 08/31/21 | 63,203 | 63,203 | 0 |
| | | 6945825 | C | P267200 | 5-U01-FD006751-02 | Ram /Rajeev J | 09/01/20 | 08/31/21 | 8,509 | 8,509 | 0 |
| | | 6945826 | C | P267200 | 5-U01-FD006751-02 | Ram /Rajeev J | 09/01/20 | 08/31/21 | 14,551 | 14,551 | 0 |
| | | 6945846 | C | P062000 | 5 U01 FD006755-03 | Trout /Bernhardt L | 09/01/21 | 08/31/22 | 283,729 | 608,554 | 324,825 |
| | | 6945847 | C | P069400 | 5-U01-FD006751-03 | Sinskey /Anthony J | 09/01/21 | 08/31/23 | 363,058 | 609,355 | 246,297 |
| | | 6945848 | C | P267110 | 5-U01-FD006751-03 | Han /Jongyoon | 09/01/21 | 08/31/23 | 257,583 | 298,783 | 41,201 |
| | | 6945849 | C | P267200 | 5-U01-FD006751-03 | Ram /Rajeev J | 09/01/21 | 08/31/23 | 250,126 | 396,073 | 145,947 |
| | | 6946005 | C | P069400 | 75F40121C00090 | Sinskey /Anthony J | 09/01/21 | 08/31/24 | 1,049,930 | 5,000,001 | 3,950,071 |
| | | 6946070 | C | P069400 | 5-R01-FD007226-02 | Han /Jongyoon | 09/01/21 | 08/31/22 | 311,955 | 447,289 | 135,334 |
| | | 6946150 | C | P062000 | 75F40121C00111 | Braatz /Richard D | 09/01/21 | 08/31/22 | 397,472 | 909,502 | 512,030 |
| | | 6946187 | C | P062000 | 75F40121C00111 | Braatz /Richard D | 09/01/21 | 08/31/22 | 0 | 475,090 | 475,090 |
| | | 6946188 | C | P062000 | 75F40121C00111 | Braatz /Richard D | 09/01/21 | 08/31/22 | 77,778 | 813,775 | 735,997 |
| | | 6946208 | C | P069400 | 1-R01-FD007458-01 | Springs /Stacy | 09/01/21 | 08/31/22 | 140,176 | 354,330 | 214,154 |
| | | 6946232 | C | P267110 | 1-R01-FD007480-01 | Han /Jongyoon | 09/01/21 | 08/31/22 | 134,144 | 278,838 | 144,694 |
| | | 6946233 | C | P402000 | 1-R01-FD007480-01 | Chen /Jianzhu | 09/01/21 | 08/31/22 | 120,007 | 145,037 | 25,030 |
| | | 6946234 | C | P267110 | 1-R01-FD007480-01 | Han /Jongyoon | 09/01/21 | 08/31/22 | 49,716 | 176,125 | 126,409 |
| | | 6946302 | C | P069400 | 75F40121C00131 | Braatz /Richard D | 09/27/21 | 09/26/24 | 312,178 | 2,565,626 | 2,253,448 |
| | | 6946514 | C | P069201 | 1-R01-FD007458-01 | Weiss /Ron | 09/01/21 | 08/31/22 | 116,018 | 145,670 | 29,652 |
| | | 6946563 | C | P267110 | 5-U01-FD006751-03 | Han /Jongyoon | 09/01/21 | 08/31/23 | 1,751 | 9,282 | 7,531 |
| | | 6946864 | C | P267200 | 5-U01-FD006751-03 | Ram /Rajeev J | 09/01/21 | 08/31/23 | 4,724 | 11,200 | 6,476 |
| | | 6946904 | C | P062000 | 5 U01 FD006755-03 | Trout /Bernhardt L | 09/01/21 | 08/31/22 | 118,703 | 250,000 | 131,297 |
| | | 6947207 | C | P267200 | 5-U01-FD006751-03 | Ram /Rajeev J | 09/01/21 | 08/31/23 | 0 | 37,900 | 37,900 |
| | | 6947208 | C | P267200 | 5-U01-FD006751-03 | Ram /Rajeev J | 09/01/21 | 08/31/23 | 2,630 | 6,000 | 3,370 |
| | | 6947209 | C | P267200 | 5-U01-FD006751-03 | Ram /Rajeev J | 09/01/21 | 08/31/23 | 0 | 37,100 | 37,100 |
| | **Total by Primary Sponsor** | | | | | | | | **5,975,118** | **25,729,686** | **9,755,804** |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 000657 National Geospatial Intelligence Agency | 011147 SYSTEMS & TE | 6945394 | C | P068700 | 2021-0017 | Shah /Devavrat | 04/14/21 | 12/12/21 | 39,998 | 39,998 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **39,998** | **39,998** | **0** |
| 000664 Millennium Challenge Corporation | 106964 Millennium Chal | 6943692 | C | P091020 | EW-20 | Banerjee /Abhijit | 08/03/20 | 02/28/23 | 1,519,905 | 307,058 | (2,104,179) |
| | **Total by Primary Sponsor** | | | | | | | | **1,519,905** | **307,058** | **(2,104,179)** |
| 000672 National Security Archive | 007699 Vanderbilt Univ | 6947300 | C | P067952 | P22011798; UNIV62036 | O'Reilly /Una-May | 08/21/21 | 01/29/23 | 97,131 | 250,000 | 152,869 |
| | **Total by Primary Sponsor** | | | | | | | | **97,131** | **250,000** | **152,869** |
| 000674 Intelligence Advanced Research Projects Activity (IARPA) | 005173 Arizona State U | 6946570 | C | P267500 | ASUB00000951 | Kim /Jeehwan | 09/27/21 | 07/26/22 | 121,805 | 186,910 | 65,105 |
| | 007616 University of Southern California | 6937906 | C | P065005 | 90502031 | Lloyd /Seth | 06/09/17 | 08/31/21 | 12,446 | 673,292 | 0 |
| | | 6937962 | C | P067952 | NO. 94711981 | Barzilay /Regina | 09/25/17 | 10/22/21 | 51,480 | 544,047 | 0 |
| | 010085 The Broad Instit | 6946410 | C | P069201 | 5400001152 | Gordon /David B | 09/01/21 | 04/22/22 | 23,575 | 47,066 | 23,491 |
| | 010948 GE Global Rese | 6947359 | C | P154500 | PO 401170010 | Sinha /Pawan | 01/27/22 | 07/26/23 | 5,824 | 450,000 | 444,176 |
| | 011147 SYSTEMS & TE | 6945052 | C | P039000 | SUBCONTRACT 2020-0071/2021-201( | Raskar /Ramesh | 01/08/21 | 12/21/23 | 382,605 | 657,349 | 270,042 |
| | 106975 Varioscale, Inc. | 6944203 | C | P065004 | AGMT DTD 10/01/2020 | Barbastathis /George | 10/01/20 | 04/30/22 | 105,290 | 186,684 | 0 |
| | 110497 Accenture Fede | 6946842 | C | P067952 | S000632, PO# 7500033470 | Freeman /William T | 09/01/21 | 06/01/22 | 96,184 | 187,631 | 91,447 |
| | **Total by Primary Sponsor** | | | | | | | | **799,209** | **2,932,980** | **894,261** |
| 000680 U.S. Department.of Transportation | 110216 Utah Departmer | 6947318 | C | P068700 | AGMT DTD 04/06/2022 | Wu /Cathy | 01/01/22 | 12/31/23 | 2,126 | 150,000 | 147,874 |
| | **Total by Primary Sponsor** | | | | | | | | **2,126** | **150,000** | **147,874** |
| 000682 US DOT - Federal Aviation Administration | 000682 US DOT - Federal Aviation Administration | 6928689 | C | P061094 | 13-C-AJFE-MIT-01 | Hansman /Robert J | 09/20/13 | 09/30/22 | 0 | 174 | 174 |
| | | 6928691 | C | P061094 | 13-C-AJFE-MIT-01 | Hansman /Robert J | 09/20/13 | 11/30/15 | 0 | 9,826 | 0 |
| | | 6930794 | C | P061094 | 13-C-AJFE-MIT-030 | Hansman /Robert J | 08/01/14 | 08/31/18 | 0 | 241,893 | 0 |
| | | 6930795 | C | P061094 | 13-C-AJFE-048 | Barrett /Steven R. H. | 09/01/14 | 11/30/22 | 506,309 | 3,500,000 | 267,641 |
| | | 6930796 | C | P061094 | 13-C-AJFE-042 | Barrett /Steven R. H. | 09/01/14 | 08/31/20 | 0 | 600,000 | (0) |
| | | 6930797 | C | P061094 | 13-C-AJFE-005 | Barrett /Steven R. H. | 09/01/14 | 08/31/15 | 0 | 95,000 | (0) |
| | | 6930798 | C | P061094 | 13-C-AJFE-MIT-038 | Hansman /Robert J | 08/15/14 | 08/31/18 | 0 | 643,872 | (0) |
| | | 6930799 | C | P061094 | 13-C-AJFE-MIT-041 | Barrett /Steven R. H. | 09/01/14 | 08/31/20 | 0 | 850,000 | 0 |
| | | 6931078 | C | P061094 | 13-C-AJFE-046 | Hansman /Robert J | 11/01/14 | 08/31/22 | 202,447 | 1,360,000 | 305,367 |
| | | 6931352 | C | P061094 | 13-C-AJFE-010 | Barrett /Steven R. H. | 12/04/14 | 09/30/16 | 0 | 150,000 | (0) |
| | | 6931398 | C | P061094 | 13-C-AJFE-011 | Willcox /Karen E | 08/15/14 | 08/31/15 | 0 | 25,839 | 0 |
| | | 6934455 | C | P061094 | 13-C-AJFE-MIT-047 | Balakrishnan /Hamsa | 07/07/16 | 08/31/22 | 17,743 | 375,000 | 51,180 |
| | | 6934459 | C | P061094 | 13-C-AJFE-MIT-043 | Barrett /Steven R. H. | 07/08/16 | 02/28/21 | 0 | 650,047 | (0) |
| | | 6934460 | C | P061094 | 13-C-AJFE-MIT-045 | Barrett /Steven R. H. | 07/08/16 | 09/30/22 | 151,165 | 950,000 | 149,116 |
| | | 6935001 | C | P062000 | 13-C-AJFE-MIT-026 | Green /William H | 07/08/16 | 08/31/20 | 0 | 189,953 | (0) |
| | | 6939716 | C | P061094 | 13-C-AJFE-MIT-050 | Hansman /Robert J | 09/01/18 | 09/30/22 | 196,997 | 720,000 | 151,834 |
| | | 6940709 | C | P061094 | 13-C-AJFE-MIT-052 | Barrett /Steven R. H. | 12/30/18 | 09/30/22 | 335,430 | 1,250,000 | 236,677 |
| | | 6942058 | C | P061093 | 692M151940009 | Hansman /Robert J | 09/26/19 | 10/22/22 | 92,561 | 329,053 | 78,803 |
| | | 6942716 | C | P061094 | 13-C-AJFE-MIT | Barrett /Steven R. H. | 02/05/20 | 08/31/22 | 302,278 | 600,000 | 100,309 |
| | | 6942732 | C | P061094 | 13-C-AJFE-MIT | Barrett /Steven R. H. | 02/05/20 | 08/31/22 | 312,250 | 600,000 | (42,297) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942734 | C | P061094 | 13-C-AJFE-MIT | Barrett /Steven R. H. | 02/05/20 | 08/31/22 | 356,387 | 650,000 | 79,068 |
| | | 6944205 | C | P061094 | 13-C-AJFE-MIT-01 | Hansman /Robert J | 08/11/20 | 08/31/22 | 130,707 | 210,000 | (21,943) |
| | | 6945388 | C | P320000 | 13-C-AJFE-MIT-075 | Knittel /Christopher Roland | 08/11/20 | 08/31/22 | 98,220 | 170,000 | 71,780 |
| | | 6946610 | C | P061094 | 13-C-AJFE-MIT-086 | Barrett /Steven R. H. | 10/01/21 | 09/30/22 | 104,823 | 550,000 | 445,177 |
| | | 6946611 | C | P061094 | 13-C-AJFE-MIT-091 | Barrett /Steven R. H. | 10/01/21 | 09/30/22 | 120,476 | 150,000 | 29,524 |
| | | 6946750 | C | P159400 | 13-C-AJFE-048 | Paltsev /Sergey | 09/01/21 | 09/30/22 | 71,148 | 85,000 | 13,852 |
| | | 6947743 | C | P061093 | 692M152140015 | Hansman /Robert J | 05/04/22 | 05/03/25 | 0 | 488,086 | 488,086 |
| | 005274 Boston Universi | 6943154 | C | P061094 | 4500003246 | Hansman /Robert J | 07/14/19 | 10/31/22 | 64,434 | 475,780 | 250,785 |
| | 007741 University of Ma | 6944808 | C | P061093 | 92207-Z9609201 | Balakrishnan /Hamsa | 09/01/20 | 08/31/22 | 40,838 | 106,375 | 18,866 |
| | **Total by Primary Sponsor** | | | | | | | | **3,104,210** | **16,025,898** | **2,674,000** |
| 000686 U.S. DOT-Federal Railroad Administration | 000686 U.S. DOT-Fede | 6939870 | C | P061097 | 693JJ618C000010 | Oman /Charles M | 09/30/18 | 10/15/21 | 118,944 | 1,006,409 | 0 |
| | 006484 General Electric | 6940636 | C | P061097 | PO 401138496 | Oman /Charles M | 10/01/18 | 11/15/21 | 44,576 | 259,266 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **163,520** | **1,265,675** | **0** |
| 000688 U.S. Geological Survey | 000688 U.S. Geological Survey | 6944705 | C | P153000 | G21AP10035-00 | Frank /William B | 01/01/21 | 12/31/21 | 38,712 | 64,707 | 0 |
| | | 6946821 | C | P153000 | G22AP00012-00 | Nakata /Norimitsu | 01/01/22 | 12/31/22 | 13,315 | 70,270 | 56,955 |
| | | 6947657 | C | P153000 | G22AP00198-00 | Cattania /Camilla | 06/01/22 | 05/31/23 | 3,845 | 95,854 | 92,009 |
| | | 6947839 | C | P153000 | G22AP00307-00 | Floyd /Michael | 07/01/22 | 06/30/23 | 0 | 52,168 | 52,168 |
| | **Total by Primary Sponsor** | | | | | | | | **55,872** | **282,999** | **201,133** |
| 000690 U.S. Treasury Department - Miscellaneous | 010108 University of W | 6944619 | C | P062000 | CARES-HUB4-MIT | Sikes Johnson /Hadley | 10/20/20 | 12/30/20 | 10,142 | 26,793 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **10,142** | **26,793** | **(0)** |
| 000696 U.S. Department of Interior-Bureau of Reclamation | 000696 U.S. Departmer of Interior-Bureau of Reclamation | 6941230 | C | P065005 | R18AC00109 | Winter /Amos G | 10/01/18 | 09/30/21 | 9,136 | 396,486 | (0) |
| | | 6942759 | C | P065005 | R19AC00104 | Winter /Amos G | 11/29/19 | 09/30/21 | 40,893 | 137,032 | 784 |
| | | 6942870 | C | P065005 | R19AC00104 | Winter /Amos G | 11/29/19 | 09/30/21 | 12,968 | 12,968 | 0 |
| | | 6946414 | C | P065005 | R22AC00183-00 | Winter /Amos G | 10/01/21 | 12/31/24 | 134,422 | 799,989 | 665,567 |
| | **Total by Primary Sponsor** | | | | | | | | **197,419** | **1,346,475** | **666,352** |
| 000699 U.S. Agency for International Development | 000699 U.S. Agency for International Development | 6926870 | C | P035000 | AID-OAA-A-12-00095 | Frey /Daniel | 10/01/12 | 09/30/22 | 0 | 493 | 493 |
| | | 6926871 | C | P035000 | AID-OAA-A-12-00095 | Frey /Daniel | 10/01/12 | 09/30/18 | 0 | 1,747,549 | 0 |
| | | 6927093 | C | P035000 | AID-OAA-A-12-00095 | Sanyal /Bishwapriya | 10/01/12 | 12/31/17 | 0 | 2,250,635 | 0 |
| | | 6927094 | C | P069500 | AID-OAA-A-12-00095 | Sheffi /Yosef | 10/01/12 | 12/31/17 | 0 | 1,357,728 | 0 |
| | | 6927095 | C | P440105 | AID-OAA-A-12-00095 | Smith /Amy B | 10/01/12 | 12/31/17 | 0 | 1,292,054 | 0 |
| | | 6927096 | C | P069400 | AID-OAA-A-12-00095 | de Weck /Olivier L | 10/01/12 | 12/31/17 | 0 | 1,176,219 | 0 |
| | | 6933499 | C | P069500 | AID-OAA-A-12-00095 | Goentzel /Jarrod | 01/19/16 | 09/30/22 | 128,031 | 2,847,931 | 12,398 |
| | | 6934817 | C | P065005 | AID-OAA-A-16-00058 | Winter /Amos G | 09/20/16 | 12/31/22 | 572,222 | 4,573,909 | 629,361 |
| | | 6934838 | C | P440104 | AID-OAA-A-12-00095 | Smith /Amy B | 10/01/16 | 09/30/18 | 0 | 5,470 | 0 |
| | | 6936566 | C | P065005 | AID-OAA-A-16-00058 | Winter /Amos G | 02/14/17 | 12/31/17 | 0 | 7,841 | 0 |
| | | 6938149 | C | P065005 | AID-OAA-A-16-00058 | Winter /Amos G | 02/01/18 | 07/06/18 | 0 | 10,389 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938749 | C | P440108 | AID-OAA-A-12-00095 | Frey /Daniel | 06/01/18 | 06/30/19 | 0 | 100,000 | (0) |
| | | 6938750 | C | P440108 | AID-OAA-A-12-00095 | Frey /Daniel | 05/01/18 | 01/31/20 | 0 | 471,711 | 0 |
| | | 6938751 | C | P440108 | AID-OAA-A-12-00095 | Frey /Daniel | 10/01/12 | 01/31/20 | 0 | 656,167 | (0) |
| | | 6940001 | C | P065005 | AID-OAA-A-16-00058 | Winter /Amos G | 12/01/18 | 12/31/22 | 0 | 38,620 | 23,395 |
| | | 6940639 | C | P440108 | AID-OAA-A-12-00095 | Verploegen /Eric Anton | 04/01/19 | 09/30/22 | 35,446 | 179,956 | 16,524 |
| | | 6940640 | C | P440108 | AID-OAA-A-12-00095 | Hoffecker /Elizabeth A | 04/01/19 | 06/30/22 | 43,752 | 188,511 | 277 |
| | | 6940686 | C | P065004 | 72026319CA00003 | Ghoniem /Ahmed F | 02/20/19 | 10/31/20 | 0 | 0 | 0 |
| | | 6941243 | C | P440108 | AID-OAA-A-12-00095 | Hoffecker /Elizabeth A | 09/01/19 | 09/30/22 | 193,274 | 509,975 | 155,062 |
| | | 6941244 | C | P069500 | AID-OAA-A-12-00095 | Sheffi /Yosef | 05/01/19 | 09/30/22 | 0 | 427,834 | 0 |
| | | 6941996 | C | P065009 | 72026319CA00003 | Chen /Gang | 01/01/20 | 01/02/20 | 0 | 0 | 0 |
| | | 6942001 | C | P065005 | 72026319CA00003 | Winter /Amos G | 01/01/20 | 10/31/20 | 0 | 0 | 0 |
| | | 6942117 | C | P440107 | AID-OAA-A-12-00095 | McDonald /Elizabeth | 01/01/20 | 09/30/22 | 181,337 | 450,500 | 76,300 |
| | | 6943161 | C | P440108 | AID-OAA-A-12-00095 | Frey /Daniel | 04/29/20 | 09/30/22 | 241,096 | 500,000 | 34,446 |
| | | 6945311 | C | P440108 | AID-OAA-A-12-00095 | Frey /Daniel | 04/01/21 | 09/30/22 | 817,564 | 1,805,856 | 396,595 |
| | | 6945448 | C | P402410 | AID-OAA-A-12-00095 | Lienhard /John H | 04/01/21 | 09/30/22 | 100,909 | 146,144 | 18,431 |
| | | 6945567 | C | P065004 | 7200AA21CA00009 | Frey /Daniel | 06/10/21 | 06/09/26 | 914,678 | 7,500,000 | 6,582,987 |
| | | 6945712 | C | P440107 | AID-OAA-A-12-00095 | Smith /Amy B | 07/01/21 | 09/30/22 | 601,422 | 750,000 | 148,578 |
| | 006120 Harvard University | 6942294 | C | P091020 | 100866-5112734 | Olken /Benjamin | 06/17/19 | 04/30/23 | 0 | 0 | (1,130) |
| | | 6942314 | C | P091020 | 100866-5112734 | Olken /Benjamin | 06/17/19 | 06/16/20 | 0 | 84,510 | (0) |
| | | 6942990 | C | P091020 | 100866-5112734 | Olken /Benjamin | 06/17/19 | 04/30/23 | 102,329 | 339,719 | 39,591 |
| | 006725 National Acader | 6938265 | C | P065005 | SUBAWARD 2000009130 | Wang /Evelyn | 03/01/18 | 02/28/22 | 35,673 | 160,227 | (0) |
| | 007070 Pennsylvania St | 6946676 | C | P067952 | S002283-USAID | Edelman /Alan | 09/30/21 | 09/29/22 | 99,748 | 100,000 | 252 |
| | 104071 Institut Teknolo | 6940627 | C | P065005 | IIE00000078-ITB-1 | Wierzbicki /Tomasz | 01/14/19 | 12/31/20 | 165 | 150,000 | (0) |
| | 107569 Harvard Kennec | 6946945 | C | P091020 | 100890-5119584 | Olken /Benjamin | 08/18/21 | 08/17/22 | 0 | 81,205 | 81,205 |
| | **Total by Primary Sponsor** | | | | | | | | **4,067,645** | **29,911,154** | **8,214,764** |
| 000708 U Delaware: National Institute for Innovation in Manufacturing | 000708 U Delaware: Na | 6940340 | C | P069400 | AGREEMENT DATED 1/15/19 | Han /Jongyoon | 01/15/19 | 04/14/23 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **0** | **0** |
| 000721 Department of Interior - Interior Business Center | 000721 Department of Interior - Interior Business Center | 6938957 | C | P062000 | D18AP00039 | Kulik /Heather Janine | 07/02/18 | 07/01/22 | 158,390 | 875,000 | (414) |
| | | 6939001 | C | P417500 | D18AC00019 | Beach /Geoffrey Stephen | 04/01/18 | 09/30/22 | 45,685 | 1,059,512 | (37,499) |
| | | 6939097 | C | P417500 | D18AC00019 | Ross /Caroline A | 04/01/18 | 12/31/21 | (30,489) | 390,483 | (0) |
| | | 6940003 | C | P267100 | D18AC00037 | Vuletic /Vladan | 10/01/18 | 09/30/22 | 0 | 72,453 | 65,968 |
| | | 6940155 | C | P267100 | D18AC00037 | Vuletic /Vladan | 10/01/18 | 09/30/22 | 25,692 | 334,546 | 47,766 |
| | | 6940156 | C | P267100 | D18AC00037 | Vuletic /Vladan | 10/01/18 | 09/30/22 | 69,500 | 296,500 | (0) |
| | | 6940157 | C | P267100 | D18AC00037 | Vuletic /Vladan | 10/01/18 | 09/30/22 | 75,252 | 296,500 | 1 |
| | | 6941233 | C | P065004 | D19AP00037 | Kim /Jeehwan | 07/01/19 | 06/30/23 | 166,777 | 500,000 | (43,251) |
| | | 6945639 | C | P065004 | D19AP00037 | Kim /Jeehwan | 07/01/21 | 06/30/23 | 306,451 | 500,000 | 193,549 |
| | 007180 Purdue Universi | 6940314 | C | P267100 | 15200066-022 | Cappellaro /Paola | 10/01/18 | 03/31/23 | 103,005 | 815,701 | 179,274 |
| | 007534 University of California San Diego | 6940152 | C | P417500 | 111438341/ PO#S9002172 | Gedik /Nuh | 10/01/18 | 08/31/22 | 0 | 182,518 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | California-San Diego | 6940175 | C | P267111 | 111438341/ PO#S9002172 | Englund /Dirk R. | 10/01/18 | 08/31/22 | 250,314 | 393,165 | 9,815 |
| | | 6940176 | C | P069850 | 111438341/ PO#S9002172 | Checkelsky /Joseph | 10/01/18 | 08/31/22 | 102,657 | 431,565 | 105,168 |
| | | 6941135 | C | P267111 | 111438341/ PO#S9002172 | Englund /Dirk R. | 03/15/19 | 08/31/22 | 17,761 | 38,400 | 94 |
| | | 6944376 | C | P417500 | 111438341/ PO#S9002172 | Gedik /Nuh | 09/01/20 | 08/31/22 | 95,681 | 249,049 | 84,138 |
| | **Total by Primary Sponsor** | | | | | | | | **1,386,674** | **6,435,392** | **604,608** |
| 000753 The Institute of Physical and Chemical Research (RIKEN) | 000753 The Institute of I | 6938301 | C | P159300 | AGMT FOR COLLABORATION IN NEU | Tonegawa /Susumu | 04/01/18 | 03/31/23 | 1,893,445 | 7,308,415 | (339,623) |
| | **Total by Primary Sponsor** | | | | | | | | **1,893,445** | **7,308,415** | **(339,623)** |
| 000841 National Reconnaissance Office | 006968 ESPACE | 6928454 | C | P061090 | AGMT. DTD. 8/14/13 | Lozano /Paulo C | 08/08/13 | 09/30/22 | 318,899 | 4,450,096 | 60,584 |
| | | 6933171 | C | P061090 | AGMT. DTD. 8/14/13 | Lozano /Paulo C | 09/01/15 | 05/31/17 | 0 | 64,814 | 0 |
| | | 6934560 | C | P061090 | AGMT. DTD. 8/14/13 | Lozano /Paulo C | 12/01/15 | 05/31/22 | 1,091 | 121,401 | 1,751 |
| | **Total by Primary Sponsor** | | | | | | | | **319,991** | **4,636,311** | **62,335** |
| 001001 Chicago Transit Authority | 001001 Chicago Transit | 6940305 | C | P035000 | B19OP04443 | Zhao /Jinhua | 06/16/19 | 12/15/22 | 480,762 | 1,687,637 | 151,480 |
| | **Total by Primary Sponsor** | | | | | | | | **480,762** | **1,687,637** | **151,480** |
| 001009 Massport | 001009 Massport | 6937441 | C | P061093 | AGMT DATED 8/14/17 | Hansman /Robert J | 10/01/16 | 06/30/23 | 0 | 173,000 | 15,069 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **173,000** | **15,069** |
| 001010 Commonwealth of Massachusetts - Miscellaneous | 006570 Massachusetts General Hospital | 6944185 | C | P069500 | 236782 | Sheffi /Yosef | 09/01/20 | 06/14/21 | (142) | 56,500 | (0) |
| | | 6944954 | C | P069500 | 237851 | Sheffi /Yosef | 01/16/21 | 06/14/21 | (17) | 56,500 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(159)** | **113,000** | **0** |
| 001012 Massachusetts Bay Transportatior Authority | 001012 Massachusetts | 6936920 | C | P069500 | PO: 9000008773- AGREEMENT EFFE | Whittle /Andrew | 07/01/17 | 06/30/22 | 436,215 | 3,109,285 | 87,518 |
| | **Total by Primary Sponsor** | | | | | | | | **436,215** | **3,109,285** | **87,518** |
| 001089 Government of Aragon (Spain) | 001089 Government of Aragon (Spain) | 6895199 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 07/23/31 | 0 | 929,901 | 929,961 |
| | | 6895766 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 07/23/31 | 0 | 5,968,661 | 113,508 |
| | | 6895767 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 12/01/03 | 05/14/15 | 0 | 86,144 | (0) |
| | | 6895768 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 09/30/23 | 0 | 4,361,354 | 0 |
| | | 6895930 | C | P069501 | MOA OF 7/23/03 | Gallien /Jeremie | 07/23/03 | 05/31/05 | 0 | 76,507 | (0) |
| | | 6896035 | C | P069501 | MOA OF 7/23/03 | Bitran /Gabriel R | 07/23/03 | 08/31/06 | 0 | 16,925 | 0 |
| | | 6896083 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 03/01/04 | 09/30/13 | 0 | 183,399 | 0 |
| | | 6896409 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 05/01/04 | 09/30/13 | 0 | 478,988 | (0) |
| | | 6897143 | C | P069501 | MOA OF 7/23/03 | Novak /Sharon | 07/23/03 | 11/30/06 | 0 | 4,946 | 0 |
| | | 6897322 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 06/30/08 | 0 | 90,726 | 0 |
| | | 6898309 | C | P069501 | MOA OF 7/23/03 | Fine /Charles H | 07/23/03 | 09/30/05 | 0 | 96 | (0) |
| | | 6899128 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 09/01/05 | 09/30/23 | 0 | 383,855 | (0) |
| | | 6914132 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 09/30/13 | 0 | 68,719 | 0 |
| | | 6918297 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 09/01/08 | 09/30/23 | 0 | 527,539 | 0 |
| | | 6918793 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/01/08 | 07/23/31 | 64,574 | 928,000 | (35,086) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6919786 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 09/30/13 | 0 | 57,999 | 0 |
| | | 6919959 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 09/30/13 | 0 | 53,455 | 0 |
| | | 6920859 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 10/01/09 | 07/23/31 | 99,228 | 1,856,120 | 49,023 |
| | | 6920860 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 10/01/09 | 09/30/13 | 0 | 5,761 | 0 |
| | | 6925909 | C | P069501 | MOA OF 7/23/03 | Blanco /Edgar | 04/01/12 | 05/14/15 | 0 | 113,823 | 0 |
| | | 6925939 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 05/01/12 | 09/30/23 | 0 | 262,382 | 0 |
| | | 6926306 | C | P069501 | MOA OF 7/23/03 | Sheffi /Yosef | 07/23/03 | 09/30/23 | 0 | 1,277,785 | 0 |
| | | 6926407 | C | P069501 | AGRMNT DTD 8/1/2012 | Sheffi /Yosef | 08/01/12 | 09/30/23 | 0 | 63,887 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **163,802** | **17,796,972** | **1,057,406** |
| 001100 Defense Science & Technology Agency | 001100 Defense Scienc & Technology Agency | 6939156 | C | P067952 | 8018999998 | Rus /Daniela L | 06/01/18 | 07/26/23 | 0 | 0 | (851) |
| | | 6940112 | C | P067952 | DST000ECI19300126 | Glass /James R | 12/21/18 | 12/21/21 | 0 | 0 | (51) |
| | | 6940127 | C | P067952 | 8018999998 | Glass /James R | 12/21/18 | 12/21/21 | 224,778 | 795,771 | 4,704 |
| | | 6940128 | C | P067952 | 8018999998 | Glass /James R | 12/21/18 | 12/21/21 | 87,033 | 791,141 | 67 |
| | | 6941938 | C | P067952 | PO 19301662 | Madry /Aleksander | 11/01/19 | 02/28/21 | 8,707 | 250,000 | 0 |
| | | 6943777 | C | P067952 | 8018999998 | Devadas /Srinivas | 07/27/20 | 07/26/23 | 161,616 | 531,249 | 102,454 |
| | | 6943817 | C | P067952 | DST00OECI20300823 | Rus /Daniela L | 07/30/20 | 07/29/23 | 0 | 526,996 | 526,996 |
| | | 6943819 | C | P067952 | 8018999998 | Rus /Daniela L | 07/17/20 | 07/16/23 | 93 | 0 | (149) |
| | | 6944387 | C | P067952 | 8018999998 | Rus /Daniela L | 07/27/20 | 07/26/23 | 1,692 | 264,615 | 262,923 |
| | | 6944678 | C | P121012 | DST00OECI20300823 | Jacquillat /Alexandre | 01/01/21 | 12/31/22 | 140,624 | 280,000 | 85,727 |
| | | 6944679 | C | P067952 | DST00OECI20300823 | Moitra /Ankur | 01/01/21 | 12/31/22 | 87,097 | 200,000 | 112,903 |
| | | 6944680 | C | P067952 | DST00OECI20300823 | Glass /James R | 09/01/21 | 08/31/23 | 61,838 | 200,000 | 138,162 |
| | | 6944681 | C | P067952 | DST00OECI20300823 | Glass /James R | 09/01/21 | 08/31/23 | 54,572 | 200,000 | 145,428 |
| | | 6944682 | C | P067952 | DST00OECI20300823 | Harrell /Douglas Alan | 01/01/21 | 12/31/22 | 449,069 | 620,000 | 126,683 |
| | | 6944683 | C | P067952 | DST00OECI20300823 | Roy /Nicholas | 01/01/21 | 05/31/22 | 376,398 | 470,000 | 93,602 |
| | | 6944684 | C | P067952 | DST00OECI20300823 | Barzilay /Regina | 01/01/21 | 12/31/22 | 67,434 | 269,002 | 201,568 |
| | | 6944685 | C | P061097 | DST00OECI20300823 | Fan /Chuchu | 01/01/21 | 12/31/22 | 120,554 | 200,000 | 79,446 |
| | | 6944686 | C | P068700 | DST00OECI20300823 | Jaillet /Patrick | 01/01/21 | 12/31/22 | 134,401 | 200,000 | 59,992 |
| | | 6944687 | C | P067952 | DST00OECI20300823 | Freeman /William T | 01/01/21 | 12/31/22 | 149,100 | 310,000 | 122,796 |
| | | 6944688 | C | P039000 | DST00OECI20300823 | Roy /Deb K | 01/01/21 | 12/31/22 | 161,488 | 620,000 | 265,955 |
| | | 6944689 | C | P068700 | DST00OECI20300823 | Ozdaglar /Asuman E | 01/01/21 | 12/31/22 | 170,746 | 200,000 | 29,254 |
| | | 6944690 | C | P154500 | DST00OECI20300823 | Mansinghka /Vikash K | 01/01/21 | 12/31/22 | 401,521 | 580,000 | 113,494 |
| | | 6944691 | C | P067952 | DST00OECI20300823 | Madry /Aleksander | 01/01/21 | 12/31/22 | 277,855 | 620,000 | 288,194 |
| | | 6944714 | C | P067900 | DST00OECI20300823 | Tedrake /Russell L | 01/01/21 | 12/31/22 | 131,959 | 200,000 | 24,331 |
| | | 6944717 | C | P067900 | DST00OECI20300823 | Daskalakis /Konstantinos | 01/01/21 | 12/31/22 | 94,147 | 200,000 | 93,965 |
| | | 6944718 | C | P067952 | DST00OECI20300823 | Jaakkola /Tommi S | 01/01/21 | 12/31/22 | 73,570 | 269,002 | 189,756 |
| | | 6944846 | C | P067950 | DST00OECI20300823 | Rus /Daniela L | 07/17/20 | 07/16/23 | 338,139 | 525,000 | 186,861 |
| | | 6944902 | C | P067952 | DST00OECI20300823 | Tenenbaum /Joshua B | 01/01/21 | 12/31/22 | 157,444 | 310,000 | 108,418 |
| | **Total by Primary Sponsor** | | | | | | | | **3,931,875** | **9,632,776** | **3,362,628** |
| 001104 King Abdulaziz City for Science & Technology (KACST) | 001104 King Abdulaziz City for Science & Technology (KACST) | 6924200 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/11 | 12/31/28 | 0 | 3,600,630 | 2,805,000 |
| | | 6924201 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/11 | 06/30/13 | 0 | 464,494 | (0) |
| | | 6924202 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/11 | 06/30/13 | 0 | 511,136 | 0 |
| | | 6924203 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/11 | 06/30/13 | 0 | 457,985 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6926208 | C | P068100 | AGMT DTD. 7/1/11 | Williams /John R | 07/01/12 | 06/30/14 | 0 | 552,291 | (0) |
| | | 6926934 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 09/01/12 | 08/31/14 | 0 | 482,154 | 0 |
| | | 6928112 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/13 | 12/31/28 | 0 | 429,059 | 304,172 |
| | | 6928477 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/13 | 06/30/15 | 0 | 614,176 | 0 |
| | | 6928478 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/13 | 06/30/15 | 0 | 577,660 | (0) |
| | | 6928479 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/13 | 06/30/15 | 0 | 556,719 | 0 |
| | | 6928480 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/13 | 06/30/15 | 0 | 724,203 | 0 |
| | | 6929375 | C | P068100 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 01/01/14 | 06/30/16 | 0 | 138,155 | 0 |
| | | 6930019 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/13 | 12/31/28 | 0 | 754,639 | 0 |
| | | 6932224 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/15 | 06/30/18 | 0 | 1,154,351 | 0 |
| | | 6932750 | C | P069400 | AGMT DTD. 7/1/11 | Gonzalez /Marta C. | 07/01/15 | 06/30/17 | 0 | 253,655 | 0 |
| | | 6932751 | C | P069400 | AGMT DTD. 7/1/11 | Williams /Sarah E | 07/01/15 | 06/30/17 | 0 | 248,973 | 0 |
| | | 6932752 | C | P069400 | AGMT DTD. 7/1/11 | Gonzalez /Marta C. | 07/01/15 | 06/30/17 | 0 | 263,442 | 0 |
| | | 6932753 | C | P069400 | AGMT DTD. 7/1/11 | Reinhart /Christoph | 07/01/15 | 06/30/17 | 0 | 250,485 | (0) |
| | | 6932754 | C | P069400 | AGMT DTD. 7/1/11 | Hidalgo Ramaciotti /Cesar A. | 07/01/15 | 06/30/17 | 0 | 238,049 | 0 |
| | | 6932755 | C | P069400 | AGMT DTD. 7/1/11 | Rahwan /Iyad | 07/01/15 | 06/30/17 | 0 | 222,031 | 0 |
| | | 6932756 | C | P069400 | AGMT DTD. 7/1/11 | Eltahir /Elfatih A. B. | 07/01/15 | 06/30/17 | 0 | 381,594 | (0) |
| | | 6932757 | C | P069400 | AGMT DTD. 7/1/11 | Cziczo /Daniel James | 07/01/15 | 06/30/17 | 0 | 185,992 | 0 |
| | | 6932878 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/15 | 06/30/17 | 0 | 588,185 | 0 |
| | | 6932881 | C | P069400 | AGMT DTD. 7/1/11 | Strzepek /Kenneth | 07/01/15 | 06/30/17 | 0 | 400,720 | 0 |
| | | 6933484 | C | P069400 | AGMT DTD 7/1/11 | Williams /John R | 01/01/16 | 06/30/17 | 0 | 318,302 | 0 |
| | | 6933516 | C | P069400 | AGMT DTD 7/1/11 | Karger /David R | 01/01/16 | 06/30/17 | 0 | 180,430 | 0 |
| | | 6935456 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/13 | 06/30/19 | 0 | 29,632 | (0) |
| | | 6937549 | C | P069400 | AGMT DTD. 7/1/11 | Reinhart /Christoph | 07/01/17 | 06/30/19 | 0 | 330,408 | (0) |
| | | 6937550 | C | P069400 | AGMT DTD. 7/1/11 | Veeramachaneni /Kalyan | 07/01/17 | 06/30/19 | 0 | 329,597 | 0 |
| | | 6937551 | C | P069400 | AGMT DTD. 7/1/11 | Rahwan /Iyad | 07/01/17 | 06/30/19 | 0 | 330,000 | (0) |
| | | 6937552 | C | P069400 | AGMT DTD. 7/1/11 | Schlosser /Courtney Adam | 07/01/17 | 06/30/19 | 0 | 314,079 | (0) |
| | | 6937553 | C | P069400 | AGMT DTD. 7/1/11 | Shah /Devavrat | 07/01/17 | 06/30/19 | 0 | 319,664 | 0 |
| | | 6937554 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/17 | 06/30/19 | 0 | 332,265 | 0 |
| | | 6937555 | C | P069400 | AGMT DTD. 7/1/11 | Schlosser /Courtney Adam | 07/01/17 | 12/31/19 | 0 | 428,869 | 0 |
| | | 6937556 | C | P069400 | AGMT DTD. 7/1/11 | Dahleh /Munther A | 07/01/17 | 06/30/19 | 0 | 329,838 | 0 |
| | | 6937557 | C | P069400 | AGMT DTD. 7/1/11 | Sanchez /Abel | 07/01/17 | 06/30/19 | 0 | 330,030 | 0 |
| | | 6937558 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/17 | 06/30/19 | 0 | 272,551 | (0) |
| | | 6937559 | C | P069400 | AGMT DTD. 7/1/11 | Karger /David R | 07/01/17 | 06/30/19 | 0 | 324,338 | 0 |
| | | 6937560 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/17 | 06/30/19 | 0 | 554,161 | (0) |
| | | 6941143 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/19 | 08/31/21 | 43,726 | 732,493 | (0) |
| | | 6941465 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/19 | 09/30/21 | 102,068 | 330,849 | 0 |
| | | 6941466 | C | P069400 | AGMT DTD. 7/1/11 | Karger /David R | 07/01/19 | 12/31/21 | 124,805 | 330,227 | (0) |
| | | 6941467 | C | P069400 | AGMT DTD. 7/1/11 | Williams /John R | 07/01/19 | 09/30/21 | 31,971 | 329,967 | 0 |
| | | 6941468 | C | P069400 | AGMT DTD. 7/1/11 | Veeramachaneni /Kalyan | 07/01/19 | 09/30/21 | 5,432 | 164,931 | 0 |
| | | 6941469 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/19 | 12/31/21 | 46,966 | 325,965 | 0 |
| | | 6941470 | C | P069400 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/19 | 09/30/21 | 5,949 | 329,705 | (0) |
| | | 6941471 | C | P069400 | AGMT DTD. 7/1/11 | Shah /Devavrat | 07/01/19 | 06/30/21 | 0 | 330,400 | 0 |
| | | 6941472 | C | P069400 | AGMT DTD. 7/1/11 | Reinhart /Christoph | 07/01/19 | 09/30/21 | (23,504) | 329,520 | (0) |
| | | 6941473 | C | P069400 | AGMT DTD. 7/1/11 | Dahleh /Munther A | 07/01/19 | 06/30/21 | 41,146 | 330,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941474 | C | P069400 | AGMT DTD. 7/1/11 | Pentland /Alex Paul | 07/01/19 | 06/30/21 | 0 | 329,999 | 0 |
| | | 6944950 | C | P069400 | AGMT DTD. 7/1/11 | Hosoi /Anette E | 03/01/21 | 12/31/22 | 90,416 | 165,000 | 69,141 |
| | | 6945627 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/21 | 06/30/23 | 303,077 | 450,000 | 146,923 |
| | | 6945905 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/21 | 06/30/23 | 97,252 | 165,000 | 67,748 |
| | | 6945906 | C | P069400 | AGMT DTD. 7/1/11 | Dahleh /Munther A | 07/01/21 | 06/30/23 | 46,340 | 165,000 | 118,660 |
| | | 6945907 | C | P069400 | AGMT DTD. 7/1/11 | Pentland /Alex Paul | 07/01/21 | 06/30/23 | 161,190 | 165,000 | 3,810 |
| | | 6945908 | C | P069400 | AGMT DTD. 7/1/11 | Youcef-Toumi /Kamal | 07/01/21 | 06/30/23 | 131,747 | 165,000 | 33,253 |
| | | 6945909 | C | P069400 | AGMT DTD. 7/1/11 | de Weck /Olivier L | 07/01/21 | 06/30/23 | 211,758 | 225,000 | 13,242 |
| | **Total by Primary Sponsor** | | | | | | | | **1,420,338** | **24,139,000** | **3,561,948** |
| 001139 National Research Foundation | 001139 National Research Foundation | 6916013 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 07/07/06 | 12/31/22 | 0 | 507,660 | 507,660 |
| | | 6916014 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 07/01/07 | 12/31/22 | 0 | 35,553 | 35,553 |
| | | 6916015 | C | P401862 | AGREEMENT DATED 9/18/07 | Hastings /Daniel E | 07/01/07 | 12/31/12 | 0 | 17,980 | 0 |
| | | 6916016 | C | P401862 | AGREEMENT DATED 9/18/07 | Hastings /Daniel E | 07/01/07 | 12/31/12 | 0 | 0 | 0 |
| | | 6916017 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 07/01/07 | 12/31/12 | 0 | 2,099,585 | (0) |
| | | 6916018 | C | P069200 | AGREEMENT DATED 9/18/07 | Sasisekharan /Ram | 07/01/07 | 12/31/12 | 0 | 1,834,856 | (0) |
| | | 6916019 | C | P069200 | AGREEMENT DATED 9/18/07 | Schauer /David | 07/01/07 | 07/01/10 | 0 | 661,132 | 0 |
| | | 6916020 | C | P066000 | AGREEMENT DATED 9/18/07 | Dao /Ming | 07/01/07 | 12/31/12 | 0 | 1,843,567 | (0) |
| | | 6916021 | C | P062000 | AGREEMENT DATED 9/18/07 | Hammond /Paula T | 07/01/07 | 12/31/12 | 0 | 239,826 | 0 |
| | | 6916022 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 07/01/07 | 12/31/12 | 0 | 172,581 | (0) |
| | | 6916023 | C | P401862 | AGREEMENT DATED 9/18/07 | Ploegh /Hidde | 07/01/07 | 03/31/12 | 0 | 457,604 | 0 |
| | | 6916024 | C | P401862 | AGREEMENT DATED 9/18/07 | Matsudaira /Paul T | 07/01/07 | 06/30/09 | 0 | 488,589 | 0 |
| | | 6916025 | C | P063007 | AGREEMENT DATED 9/18/07 | Whittle /Andrew | 07/01/07 | 12/31/12 | 0 | 492,050 | (0) |
| | | 6916026 | C | P401862 | AGREEMENT DATED 9/18/07 | Whittle /Andrew | 07/01/07 | 03/31/12 | 0 | 124,274 | 0 |
| | | 6916027 | C | P266300 | AGREEMENT DATED 9/18/07 | Patrikalakis /Nicholas M | 07/01/07 | 03/31/12 | 0 | 608,996 | (0) |
| | | 6916029 | C | P063007 | AGREEMENT DATED 9/18/07 | Madsen /Ole S | 07/01/07 | 12/31/12 | 0 | 519,702 | (0) |
| | | 6916030 | C | P063007 | AGREEMENT DATED 9/18/07 | Adams /Edward E | 07/01/07 | 12/31/12 | 0 | 1,026,645 | (0) |
| | | 6916031 | C | P401862 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 07/01/07 | 12/31/12 | 0 | 554,190 | 0 |
| | | 6916032 | C | P063007 | AGREEMENT DATED 9/18/07 | Entekhabi /Dara | 07/01/07 | 12/31/12 | 0 | 585,130 | 0 |
| | | 6916033 | C | P153000 | AGREEMENT DATED 9/18/07 | Malanotte Stone /Paola | 07/01/07 | 12/31/12 | 0 | 403,863 | (0) |
| | | 6916034 | C | P063007 | AGREEMENT DATED 9/18/07 | Eltahir /Elfatih A. B. | 07/01/07 | 12/31/12 | 0 | 787,499 | 0 |
| | | 6916035 | C | P063007 | AGREEMENT DATED 9/18/07 | Harvey /Charles F | 07/01/07 | 12/31/12 | 0 | 177,210 | 0 |
| | | 6916036 | C | P401862 | AGREEMENT DATED 9/18/07 | Hastings /Daniel E | 07/01/07 | 03/31/15 | 0 | 0 | 0 |
| | | 6916037 | C | P063007 | AGREEMENT DATED 9/18/07 | Whittle /Andrew | 10/01/08 | 12/31/12 | 0 | 961,363 | 0 |
| | | 6916038 | C | P405140 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 10/01/08 | 12/31/12 | 0 | 309,258 | (0) |
| | | 6916039 | C | P063007 | AGREEMENT DATED 9/18/07 | Hemond /Harold F | 10/01/08 | 12/31/12 | 0 | 511,917 | 0 |
| | | 6916040 | C | P266300 | AGREEMENT DATED 9/18/07 | Patrikalakis /Nicholas M | 10/01/08 | 12/31/12 | 0 | 1,193,246 | 0 |
| | | 6916041 | C | P266300 | AGREEMENT DATED 9/18/07 | Triantafyllou /Michael S | 10/01/08 | 12/31/12 | 0 | 838,764 | (0) |
| | | 6916042 | C | P065006 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 10/01/08 | 12/31/12 | 0 | 441,125 | 0 |
| | | 6916043 | C | P065006 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 10/01/08 | 12/31/12 | 0 | 997,697 | (0) |
| | | 6916044 | C | P031000 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 10/01/08 | 09/30/09 | 0 | 33,677 | 0 |
| | | 6916045 | C | P031000 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 10/01/08 | 09/30/09 | 0 | 3,185 | 0 |
| | | 6916047 | C | P065004 | AGREEMENT DATED 9/18/07 | Asada /Haruhiko | 10/01/08 | 12/31/13 | 0 | 869,894 | 0 |
| | | 6916048 | C | P065004 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 10/01/08 | 12/31/13 | 0 | 524,999 | (0) |
| | | 6916049 | C | P062000 | AGREEMENT DATED 9/18/07 | Doyle /Patrick S | 10/01/08 | 12/31/13 | 0 | 943,371 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6916050 | C | P267110 | AGREEMENT DATED 9/18/07 | Han /Jongyoon | 10/01/08 | 12/31/13 | 0 | 1,040,802 | (0) |
| | | 6916051 | C | P065004 | AGREEMENT DATED 9/18/07 | Kamm /Roger Dale | 10/01/08 | 12/31/13 | 0 | 927,401 | 0 |
| | | 6916052 | C | P401862 | AGREEMENT DATED 9/18/07 | So /Peter T. C. | 10/01/08 | 12/31/13 | 0 | 817,988 | 0 |
| | | 6916053 | C | P066000 | AGREEMENT DATED 9/18/07 | Van Vliet /Krystyn J | 10/01/08 | 12/31/13 | 0 | 1,269,946 | 0 |
| | | 6916054 | C | P401862 | AGREEMENT DATED 9/18/07 | Lang /Matthew J | 10/01/08 | 12/31/13 | 0 | 789,247 | 0 |
| | | 6916055 | C | P165000 | AGREEMENT DATED 9/18/07 | Tannenbaum /Steven R | 10/01/08 | 12/31/13 | 0 | 429,231 | (0) |
| | | 6916056 | C | P401862 | AGREEMENT DATED 9/18/07 | Griffith /Linda G | 10/01/08 | 12/31/13 | 0 | 404,960 | 0 |
| | | 6916057 | C | P401862 | AGREEMENT DATED 9/18/07 | Tidor /Bruce | 10/01/08 | 12/31/13 | 0 | 293,791 | 0 |
| | | 6916059 | C | P165000 | AGREEMENT DATED 9/18/07 | Tannenbaum /Steven R | 09/01/08 | 12/31/12 | 0 | 468,397 | (0) |
| | | 6916061 | C | P402010 | AGREEMENT DATED 9/18/07 | Love /John C | 07/01/07 | 12/31/12 | 0 | 188,634 | (0) |
| | | 6916062 | C | P401862 | AGREEMENT DATED 9/18/07 | Van Vliet /Krystyn J | 10/01/08 | 12/31/13 | 0 | 143,950 | 0 |
| | | 6916063 | C | P069200 | AGREEMENT DATED 9/18/07 | Niles /Jacquin | 10/01/09 | 12/31/12 | 0 | 123,819 | 0 |
| | | 6916064 | C | P151066 | AGREEMENT DATED 9/18/07 | Saeij /Jeroen | 10/01/09 | 02/28/13 | 0 | 138,666 | 0 |
| | | 6916066 | C | P152000 | AGREEMENT DATED 9/18/07 | Cao /Jianshu | 07/01/09 | 12/31/12 | 0 | 465,442 | 0 |
| | | 6916067 | C | P165000 | AGREEMENT DATED 9/18/07 | Engelward /Bevin P | 07/01/09 | 12/31/12 | 0 | 761,002 | (0) |
| | | 6916068 | C | P165000 | AGREEMENT DATED 9/18/07 | Dedon /Peter C | 07/01/09 | 12/31/12 | 0 | 969,866 | 0 |
| | | 6916069 | C | P159400 | AGREEMENT DATED 9/18/07 | Wang /Chien | 10/01/09 | 12/31/12 | 0 | 338,058 | (0) |
| | | 6916070 | C | P153000 | AGREEMENT DATED 9/18/07 | Boyle /Edward A | 10/01/09 | 12/31/12 | 0 | 330,469 | 0 |
| | | 6916073 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/10 | 06/30/11 | 0 | 69,137 | (0) |
| | | 6916075 | C | P068700 | AGREEMENT DATED 9/18/07 | Frazzoli /Emilio | 12/01/09 | 03/01/16 | 0 | 842,976 | (0) |
| | | 6916076 | C | P154000 | AGREEMENT DATED 9/18/07 | Edelman /Alan | 01/01/10 | 12/31/10 | 0 | 65,000 | 0 |
| | | 6916077 | C | P063007 | AGREEMENT DATED 9/18/07 | Ben-Akiva /Moshe E | 10/01/09 | 03/01/16 | 0 | 1,608,592 | 0 |
| | | 6916078 | C | P060000 | AGREEMENT DATED 9/18/07 | Barnhart /Cynthia | 10/01/09 | 03/01/16 | 0 | 163,026 | (0) |
| | | 6916079 | C | P068700 | AGREEMENT DATED 9/18/07 | Frazzoli /Emilio | 10/01/09 | 03/01/16 | 0 | 1,706,650 | (0) |
| | | 6916080 | C | P068700 | AGREEMENT DATED 9/18/07 | Jaillet /Patrick | 10/01/09 | 03/01/16 | 0 | 1,137,203 | (0) |
| | | 6916081 | C | P061093 | AGREEMENT DATED 9/18/07 | Odoni /Amedeo R | 10/01/09 | 03/01/16 | 0 | 858,479 | 0 |
| | | 6916082 | C | P067952 | AGREEMENT DATED 9/18/07 | Peh /Li-Shiuan | 10/01/09 | 03/01/16 | 0 | 1,099,940 | (0) |
| | | 6916083 | C | P035000 | AGREEMENT DATED 9/18/07 | Ratti /Carlo | 10/01/09 | 03/01/16 | 0 | 1,291,784 | (0) |
| | | 6916084 | C | P035000 | AGREEMENT DATED 9/18/07 | Zegras /Pericles C | 10/01/09 | 04/30/16 | 0 | 1,082,103 | 0 |
| | | 6916085 | C | P093800 | AGREEMENT DATED 9/18/07 | Barrett /Edward C | 02/14/10 | 06/30/11 | 0 | 83,674 | 0 |
| | | 6916086 | C | P267110 | AGREEMENT DATED 9/18/07 | Han /Jongyoon | 05/01/10 | 12/31/11 | 0 | 49,915 | (0) |
| | | 6916087 | C | P267100 | ING 09005 | Hu /Qing | 04/01/10 | 03/31/11 | 0 | 36,002 | (0) |
| | | 6916088 | C | P267110 | ING 09007 | Han /Jongyoon | 05/01/10 | 04/30/12 | 0 | 194,095 | 0 |
| | | 6916089 | C | P067952 | AGREEMENT DATED 9/18/07 | Rus /Daniela L | 05/01/10 | 03/01/16 | 0 | 785,516 | (0) |
| | | 6916090 | C | P401862 | AGREEMENT DATED 9/18/07 | Fernandez /John | 05/01/10 | 09/30/14 | 0 | 25,067 | 0 |
| | | 6916091 | C | P064000 | AGREEMENT DATED 9/18/07 | Schindall /Joel E | 02/01/10 | 02/01/12 | 0 | 32,549 | 0 |
| | | 6916092 | C | P266300 | AGREEMENT DATED 9/18/07 | Triantafyllou /Michael S | 09/01/10 | 12/31/12 | 0 | 18,009 | 0 |
| | | 6916093 | C | P067952 | AGREEMENT DATED 9/18/07 | Katabi /Dina | 07/01/10 | 03/01/16 | 0 | 526,740 | (0) |
| | | 6916094 | C | P035000 | AGREEMENT DATED 9/18/07 | Ferreira /Joseph | 07/01/10 | 03/01/16 | 0 | 752,767 | (0) |
| | | 6916095 | C | P417000 | AGREEMENT DATED 9/18/07 | Socrate /Simona | 07/01/10 | 03/31/12 | 0 | 49,918 | (0) |
| | | 6916097 | C | P065004 | AGREEMENT DATED 9/18/07 | Kamm /Roger Dale | 07/01/09 | 09/30/13 | 0 | 127,110 | 0 |
| | | 6916099 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 07/01/11 | 03/31/17 | 0 | 174,362 | 0 |
| | | 6916100 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 10/01/11 | 03/31/17 | 0 | 1,220,231 | (0) |
| | | 6916101 | C | P069850 | AGREEMENT DATED 9/18/07 | Antoniadis /Dimitri A | 10/01/11 | 03/31/17 | 0 | 845,451 | 0 |
| | | 6916102 | C | P069850 | AGREEMENT DATED 9/18/07 | Buonassisi /Anthony | 10/01/11 | 03/31/17 | 0 | 954,250 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6916103 | C | P069850 | AGREEMENT DATED 9/18/07 | Michel /Jurgen | 10/01/11 | 03/31/17 | 0 | 899,532 | 0 |
| | | 6916104 | C | P069850 | AGREEMENT DATED 9/18/07 | Palacios /Tomas | 10/01/11 | 03/31/17 | 0 | 574,040 | 0 |
| | | 6916105 | C | P067952 | AGREEMENT DATED 9/18/07 | Peh /Li-Shiuan | 10/01/11 | 03/31/17 | 0 | 899,546 | (0) |
| | | 6916106 | C | P069850 | AGREEMENT DATED 9/18/07 | Thompson /Carl Vernette | 10/01/11 | 03/31/17 | 0 | 909,403 | (0) |
| | | 6916107 | C | P069850 | AGREEMENT DATED 9/18/07 | Shao-Horn /Yang | 10/01/11 | 03/31/17 | 0 | 896,673 | 0 |
| | | 6916108 | C | P069850 | AGREEMENT DATED 9/18/07 | Wang /Evelyn | 10/01/11 | 03/31/17 | 0 | 960,582 | 0 |
| | | 6916110 | C | P401862 | AGREEMENT DATED 9/18/07 | Hastings /Daniel E | 01/01/13 | 04/30/18 | 0 | 79,994 | 0 |
| | | 6916111 | C | P063007 | AGREEMENT DATED 9/18/07 | Whittle /Andrew | 01/01/13 | 12/31/18 | 0 | 1,474,466 | 0 |
| | | 6916112 | C | P063007 | AGREEMENT DATED 9/18/07 | Hemond /Harold F | 01/01/13 | 12/31/18 | 0 | 496,885 | 0 |
| | | 6916113 | C | P266300 | AGREEMENT DATED 9/18/07 | Patrikalakis /Nicholas M | 01/01/13 | 12/31/18 | 0 | 885,424 | (0) |
| | | 6916114 | C | P266300 | AGREEMENT DATED 9/18/07 | Triantafyllou /Michael S | 01/01/13 | 12/31/18 | 0 | 1,059,026 | 0 |
| | | 6916115 | C | P065004 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 01/01/13 | 04/30/18 | 0 | 355,867 | 0 |
| | | 6916116 | C | P153000 | AGREEMENT DATED 9/18/07 | Malanotte Stone /Paola | 01/01/13 | 04/30/18 | 0 | 361,565 | 0 |
| | | 6916117 | C | P063007 | AGREEMENT DATED 9/18/07 | Eltahir /Elfatih A. B. | 01/01/13 | 12/31/18 | 0 | 348,749 | 0 |
| | | 6916118 | C | P063007 | AGREEMENT DATED 9/18/07 | Harvey /Charles F | 01/01/13 | 12/31/18 | 0 | 857,408 | (0) |
| | | 6916119 | C | P063007 | AGREEMENT DATED 9/18/07 | Madsen /Ole S | 01/01/13 | 04/30/18 | 0 | 321,284 | (0) |
| | | 6916128 | C | P401862 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 01/01/13 | 04/30/18 | 0 | 0 | 0 |
| | | 6916130 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 01/01/13 | 04/30/18 | 0 | 963,151 | 0 |
| | | 6916131 | C | P069201 | AGREEMENT DATED 9/18/07 | Sasisekharan /Ram | 01/01/13 | 04/30/18 | 0 | 754,207 | (0) |
| | | 6916132 | C | P066000 | AGREEMENT DATED 9/18/07 | Dao /Ming | 01/01/13 | 04/30/18 | 0 | 930,290 | 0 |
| | | 6916133 | C | P165000 | AGREEMENT DATED 9/18/07 | Tannenbaum /Steven R | 01/01/13 | 04/30/18 | 0 | 514,080 | 0 |
| | | 6916134 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 01/01/13 | 12/31/18 | 0 | 282,491 | (0) |
| | | 6916135 | C | P152000 | AGREEMENT DATED 9/18/07 | Cao /Jianshu | 01/01/13 | 12/31/18 | 0 | 676,426 | (0) |
| | | 6916136 | C | P165000 | AGREEMENT DATED 9/18/07 | Engelward /Bevin P | 01/01/13 | 04/30/18 | 0 | 254,483 | 0 |
| | | 6916137 | C | P165000 | AGREEMENT DATED 9/18/07 | Dedon /Peter C | 01/01/13 | 04/30/18 | 0 | 940,161 | 0 |
| | | 6916139 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 01/01/13 | 04/30/18 | 0 | 0 | 0 |
| | | 6916141 | C | P402012 | AGREEMENT DATED 9/18/07 | Chen /Jianzhu | 01/01/13 | 04/30/18 | 0 | 367 | 0 |
| | | 6916142 | C | P063007 | AGREEMENT DATED 9/18/07 | Adams /Edward E | 01/01/13 | 12/31/18 | 0 | 421,684 | (0) |
| | | 6916143 | C | P401862 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 01/01/13 | 12/31/18 | 0 | 765,740 | (0) |
| | | 6916144 | C | P159400 | AGREEMENT DATED 9/18/07 | Wang /Chien | 01/01/13 | 04/30/18 | 0 | 645,101 | (0) |
| | | 6916145 | C | P153000 | AGREEMENT DATED 9/18/07 | Boyle /Edward A | 01/01/13 | 04/30/18 | 0 | 630,387 | 0 |
| | | 6916146 | C | P063007 | AGREEMENT DATED 9/18/07 | Shanahan /Peter | 01/01/13 | 04/30/18 | 0 | 190,800 | 0 |
| | | 6916147 | C | P063007 | AGREEMENT DATED 9/18/07 | Thompson /Janelle Renee | 01/01/13 | 04/30/18 | 0 | 273,110 | (0) |
| | | 6916148 | C | P035000 | AGREEMENT DATED 9/18/07 | Britter /Rex E | 01/01/13 | 04/30/18 | 0 | 172,992 | 0 |
| | | 6916149 | C | P065004 | AGREEMENT DATED 9/18/07 | Hover /Franz S | 01/01/13 | 04/30/18 | 0 | 91,685 | (0) |
| | | 6916150 | C | P061097 | AGREEMENT DATED 9/18/07 | Karaman /Sertac | 05/01/13 | 03/01/16 | 0 | 205,315 | (0) |
| | | 6916152 | C | P065004 | AGREEMENT DATED 9/18/07 | Asada /Haruhiko | 01/01/14 | 12/31/18 | 0 | 669,152 | 0 |
| | | 6916153 | C | P065004 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 01/01/14 | 12/31/18 | 0 | 592,013 | (0) |
| | | 6916154 | C | P062000 | AGREEMENT DATED 9/18/07 | Doyle /Patrick S | 01/01/14 | 12/31/18 | 0 | 616,920 | 0 |
| | | 6916155 | C | P267110 | AGREEMENT DATED 9/18/07 | Han /Jongyoon | 01/01/14 | 12/31/18 | 0 | 679,846 | (0) |
| | | 6916156 | C | P065004 | AGREEMENT DATED 9/18/07 | Kamm /Roger Dale | 01/01/14 | 12/31/18 | 0 | 710,887 | 0 |
| | | 6916157 | C | P065005 | AGREEMENT DATED 9/18/07 | So /Peter T. C. | 01/01/14 | 12/31/18 | 0 | 569,939 | (0) |
| | | 6916158 | C | P066000 | AGREEMENT DATED 9/18/07 | Van Vliet /Krystyn J | 01/01/14 | 12/31/18 | 0 | 1,051,579 | (0) |
| | | 6916159 | C | P065005 | AGREEMENT DATED 9/18/07 | Lang /Matthew J | 01/01/14 | 12/31/18 | 0 | 167,886 | 0 |
| | | 6916161 | C | P067952 | AGREEMENT DATED 9/18/07 | Tidor /Bruce | 01/01/14 | 12/31/18 | 0 | 358,020 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6916162 | C | P066000 | AGREEMENT DATED 9/18/07 | Van Vliet /Krystyn J | 01/01/14 | 12/31/18 | 0 | 301,100 | 0 |
| | | 6916168 | C | P066000 | AGREEMENT DATED 9/18/07 | Van Vliet /Krystyn J | 01/01/14 | 12/31/18 | 0 | 49 | 0 |
| | | 6916170 | C | P063007 | AGREEMENT DATED 9/18/07 | Gonzalez /Marta C. | 04/01/14 | 03/01/16 | 0 | 48,107 | 0 |
| | | 6916171 | C | P061090 | AGREEMENT DATED 9/18/07 | Modiano /Eytan H | 04/01/14 | 03/01/16 | 0 | 64,993 | (0) |
| | | 6916172 | C | P061094 | AGREEMENT DATED 9/18/07 | Barrett /Steven R. H. | 04/01/14 | 12/31/18 | 0 | 225,464 | 0 |
| | | 6916173 | C | P062000 | AGREEMENT DATED 9/18/07 | Hammond /Paula T | 01/01/14 | 04/30/18 | 0 | 323,687 | (0) |
| | | 6916176 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 07/01/14 | 10/31/15 | 0 | 1 | 1 |
| | | 6916177 | C | P401862 | AGREEMENT DATED 9/18/07 | Hart /Anastasios John | 11/01/14 | 06/30/17 | 0 | 150,000 | (19,401) |
| | | 6916178 | C | P401862 | AGREEMENT DATED 9/18/07 | Shoulders /Matthew D. | 11/01/14 | 10/31/15 | 0 | 149,999 | 0 |
| | | 6916179 | C | P401862 | AGREEMENT DATED 9/18/07 | Lienhard /John H | 11/01/14 | 12/31/16 | 0 | 150,000 | 9,807 |
| | | 6916180 | C | P401862 | AGREEMENT DATED 9/18/07 | Yue /Dick K. P. | 11/01/14 | 12/31/16 | 0 | 150,000 | (0) |
| | | 6916181 | C | P401862 | AGREEMENT DATED 9/18/07 | Trancik /Jessika | 11/01/14 | 10/31/15 | 0 | 150,000 | 98 |
| | | 6916182 | C | P401862 | AGREEMENT DATED 9/18/07 | Lu /Timothy K | 11/01/14 | 06/30/16 | 492 | 150,000 | (1,185) |
| | | 6916183 | C | P401862 | AGREEMENT DATED 9/18/07 | O'Reilly /Una-May | 11/01/14 | 10/31/15 | 143 | 150,000 | 81,658 |
| | | 6916184 | C | P401862 | AGREEMENT DATED 9/18/07 | Amarasinghe /Saman P | 11/01/14 | 10/31/15 | 0 | 0 | (81,801) |
| | | 6916185 | C | P401862 | AGREEMENT DATED 9/18/07 | Lozano-Perez /Tomas | 11/01/14 | 06/30/16 | 12,190 | 128,744 | 24,887 |
| | | 6916186 | C | P401862 | AGREEMENT DATED 9/18/07 | Kaelbling /Leslie P | 11/01/14 | 03/31/16 | 0 | 21,256 | (37,077) |
| | | 6916187 | C | P267110 | AGREEMENT DATED 9/18/07 | Han /Jongyoon | 10/01/14 | 06/30/15 | 0 | 14,977 | 0 |
| | | 6916188 | C | P401862 | AGREEMENT DATED 9/18/07 | Kolpak /Alexie M | 11/01/14 | 10/31/15 | 0 | 150,000 | 99 |
| | | 6916189 | C | P401862 | AGREEMENT DATED 9/18/07 | Edelman /Alan | 11/01/14 | 10/31/15 | 0 | 150,000 | 141,957 |
| | | 6916190 | C | P401862 | AGREEMENT DATED 9/18/07 | Amarasinghe /Saman P | 11/01/14 | 10/31/15 | 0 | 0 | (148,016) |
| | | 6916192 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/15 | 12/31/20 | 0 | 21,143 | 21,143 |
| | | 6916193 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/15 | 12/31/20 | 0 | 50,000 | 50,000 |
| | | 6916194 | C | P065005 | AGREEMENT DATED 9/18/07 | Yue /Dick K. P. | 04/01/15 | 04/30/18 | 0 | 183,136 | 0 |
| | | 6916195 | C | P069201 | AGREEMENT DATED 9/18/07 | Lu /Timothy K | 04/01/15 | 04/30/18 | 0 | 278,364 | 0 |
| | | 6916196 | C | P401862 | AGREEMENT DATED 9/18/07 | Zhao /Jinhua | 01/01/16 | 06/30/21 | 0 | 0 | 0 |
| | | 6916197 | C | P068700 | AGREEMENT DATED 9/18/07 | Frazzoli /Emilio | 01/01/16 | 06/30/21 | 0 | 89,825 | 0 |
| | | 6916198 | C | P063007 | AGREEMENT DATED 9/18/07 | Ben-Akiva /Moshe E | 01/01/16 | 06/30/21 | 0 | 831,881 | (0) |
| | | 6916199 | C | P035000 | AGREEMENT DATED 9/18/07 | Ferreira /Joseph | 01/01/16 | 06/30/21 | 893 | 629,170 | (0) |
| | | 6916200 | C | P068700 | AGREEMENT DATED 9/18/07 | Jaillet /Patrick | 01/01/16 | 06/30/21 | 0 | 884,300 | 0 |
| | | 6916201 | C | P067952 | AGREEMENT DATED 9/18/07 | Peh /Li-Shiuan | 01/01/16 | 06/30/21 | 0 | 138,763 | 0 |
| | | 6916202 | C | P035000 | AGREEMENT DATED 9/18/07 | Ratti /Carlo | 01/01/16 | 06/30/21 | 0 | 505,561 | 0 |
| | | 6916203 | C | P067952 | AGREEMENT DATED 9/18/07 | Rus /Daniela L | 01/01/16 | 06/30/21 | 0 | 308,443 | (0) |
| | | 6916204 | C | P035000 | AGREEMENT DATED 9/18/07 | Zegras /Pericles C | 01/01/16 | 06/30/21 | 0 | 669,448 | 0 |
| | | 6916205 | C | P035000 | AGREEMENT DATED 9/18/07 | Zhao /Jinhua | 01/01/16 | 06/30/21 | 0 | 638,760 | 0 |
| | | 6916206 | C | P401862 | AGREEMENT DATED 9/18/07 | Frazzoli /Emilio | 01/01/16 | 06/30/21 | 0 | 306,778 | (0) |
| | | 6916207 | C | P035000 | AGREEMENT DATED 9/18/07 | Zhao /Jinhua | 01/01/16 | 06/30/21 | (21,252) | 86 | 0 |
| | | 6916208 | C | P402410 | AGREEMENT DATED 9/18/07 | Lienhard /John H | 04/01/15 | 12/31/18 | 0 | 191,192 | 0 |
| | | 6916209 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/17 | 06/30/22 | 0 | 75,424 | 75,424 |
| | | 6916210 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/17 | 12/31/21 | 0 | 61,390 | 0 |
| | | 6916211 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/17 | 12/31/21 | 0 | 0 | 0 |
| | | 6916212 | C | P069850 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/17 | 06/30/22 | 167,775 | 1,247,654 | (40,118) |
| | | 6916213 | C | P069850 | AGREEMENT DATED 9/18/07 | Antoniadis /Dimitri A | 01/01/17 | 12/31/21 | 32,482 | 346,275 | 0 |
| | | 6916214 | C | P069850 | AGREEMENT DATED 9/18/07 | Buonassisi /Anthony | 01/01/17 | 12/31/21 | 48,076 | 696,342 | (0) |
| | | 6916215 | C | P069850 | AGREEMENT DATED 9/18/07 | Michel /Jurgen | 01/01/17 | 12/31/21 | 57,094 | 648,953 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6916216 | C | P069850 | AGREEMENT DATED 9/18/07 | Thompson /Carl Vernette | 01/01/17 | 12/31/21 | 26,115 | 698,221 | 0 |
| | | 6916217 | C | P069850 | AGREEMENT DATED 9/18/07 | Wang /Evelyn | 01/01/17 | 12/31/21 | 43,847 | 430,195 | 0 |
| | | 6916218 | C | P069850 | AGREEMENT DATED 9/18/07 | Gradecak /Silvija | 01/01/17 | 12/31/21 | 0 | 597,045 | 0 |
| | | 6916219 | C | P069850 | AGREEMENT DATED 9/18/07 | Han /Ruonan | 01/01/17 | 12/31/21 | 22,402 | 383,794 | 0 |
| | | 6916234 | C | P062000 | | Strano /Michael S. | 01/01/18 | 12/31/22 | 445,628 | 1,770,548 | (141,113) |
| | | 6916235 | C | P069400 | | Sinskey /Anthony J | 01/01/18 | 03/31/21 | 0 | 527,370 | (0) |
| | | 6916236 | C | P062000 | | Stephanopoulos /Gregory | 01/01/18 | 03/31/21 | 0 | 281,872 | 0 |
| | | 6916237 | C | P267200 | | Ram /Rajeev J | 01/01/18 | 12/31/22 | 384,898 | 1,343,451 | (65,996) |
| | | 6916239 | C | P062000 | | Strano /Michael S. | 01/01/18 | 12/31/22 | 6,716 | 157,005 | (6,716) |
| | | 6919228 | C | P065005 | AGREEMENT DATED 9/18/07 | So /Peter T. C. | 10/01/08 | 12/31/13 | 0 | 80,000 | 30,790 |
| | | 6919394 | C | P065006 | AGREEMENT DATED 9/18/07 | Barbastathis /George | 04/01/09 | 03/31/12 | 0 | 15,931 | 0 |
| | | 6920246 | C | P401862 | AGREEMENT DATED 9/18/07 | Norford /Leslie Keith | 01/01/12 | 12/31/12 | 0 | 66 | 0 |
| | | 6920248 | C | P401862 | AGREEMENT DATED 9/18/07 | Frazzoli /Emilio | 01/01/12 | 03/01/16 | 0 | 167 | 0 |
| | | 6920249 | C | P401862 | AGREEMENT DATED 9/18/07 | Fitzgerald /Eugene A | 01/01/12 | 03/31/14 | 0 | 391 | 0 |
| | | 6923596 | C | P063007 | AGREEMENT DATED 9/18/07 | Hemond /Harold F | 01/01/10 | 12/31/12 | 0 | 10,168 | 0 |
| | | 6927134 | C | P401511 | AGREEMENT DATED 9/18/07 | Wang /Evelyn | 12/01/12 | 03/31/14 | 0 | 16,280 | 0 |
| | | 6933088 | C | P065005 | AGREEMENT DATED 9/18/07 | Yue /Dick K. P. | 04/01/15 | 12/31/17 | 0 | 29,333 | 0 |
| | | 6934575 | C | P069850 | AGREEMENT DATED 9/18/07 | Wang /Evelyn | 09/01/14 | 03/31/17 | 0 | 16,532 | 0 |
| | | 6938229 | C | P035000 | AGREEMENT DATED 9/18/07 | Zhao /Jinhua | 04/01/18 | 06/30/21 | 1,591 | 469,592 | (0) |
| | | 6939847 | C | P267200 | | Ram /Rajeev J | 01/01/18 | 01/08/19 | 0 | 94,951 | 0 |
| | | 6939848 | C | P267200 | | Ram /Rajeev J | 01/01/18 | 01/01/19 | 0 | 9,391 | 0 |
| | | 6941162 | C | P267200 | AGREEMENT DATED 9/18/07 | Ram /Rajeev J | 01/02/19 | 05/20/20 | 0 | 0 | 0 |
| | | 6941713 | C | P063007 | MOD8 | Marelli /Benedetto | 04/01/19 | 12/31/22 | 459,646 | 588,381 | (85,332) |
| | | 6942612 | C | P401862 | AGREEMENT DTD 10 MAY 2019 | Fitzgerald /Eugene A | 05/10/19 | 12/31/24 | 0 | 0 | 0 |
| | | 6942614 | C | P401862 | AGREEMENT DTD 10 MAY 2019 | Van Vliet /Krystyn J | 06/01/19 | 05/31/24 | 0 | 1,155 | 0 |
| | | 6942616 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Han /Jongyoon | 06/01/19 | 05/31/24 | 5,361 | 143,163 | 71,422 |
| | | 6942617 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Van Vliet /Krystyn J | 06/01/19 | 05/31/24 | 54,495 | 212,430 | 27,485 |
| | | 6942618 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Birnbaum /Michael E | 06/01/19 | 05/31/24 | 80,904 | 141,052 | (9,276) |
| | | 6942619 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Boyer /Laurie Ann | 06/01/19 | 05/31/24 | 108,604 | 247,325 | (19,276) |
| | | 6942623 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | So /Peter T. C. | 06/01/19 | 05/31/24 | 0 | 46,649 | 46,649 |
| | | 6942629 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Tidor /Bruce | 06/01/19 | 05/31/24 | 0 | 2,433 | 2,433 |
| | | 6942632 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Springs /Stacy | 06/01/19 | 05/31/24 | 109,405 | 248,595 | (14,495) |
| | | 6942634 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Han /Jongyoon | 06/01/19 | 05/31/24 | 22,568 | 52,596 | 14,478 |
| | | 6942637 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Lu /Timothy K | 06/01/19 | 05/31/24 | 75,094 | 99,775 | (11,544) |
| | | 6942638 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Doyle /Patrick S | 06/01/19 | 05/31/24 | 7,630 | 95,256 | 24,596 |
| | | 6942644 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Strano /Michael S. | 06/01/19 | 05/31/24 | 0 | 2,433 | 2,433 |
| | | 6942648 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Ram /Rajeev J | 06/01/19 | 05/31/24 | 80,156 | 153,508 | (3,130) |
| | | 6942649 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Van Vliet /Krystyn J | 06/01/19 | 05/31/24 | 822 | 429 | (3,125) |
| | | 6942651 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Birnbaum /Michael E | 06/01/19 | 05/31/24 | 30,515 | 52,733 | (7,192) |
| | | 6942657 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Barbastathis /George | 06/01/19 | 05/31/24 | 0 | 142,154 | 91,677 |
| | | 6942658 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Fang /Xuanlai | 06/01/19 | 05/31/24 | 0 | 2,433 | 2,433 |
| | | 6942659 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Hart /Anastasios John | 06/01/19 | 05/31/24 | 0 | 2,433 | 2,433 |
| | | 6942662 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Zhao /Xuanhe | 06/01/19 | 05/31/24 | 0 | 2,433 | 2,433 |
| | | 6942664 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Van Vliet /Krystyn J | 06/01/19 | 05/31/24 | 127,638 | 567,845 | 139,184 |
| | | 6945016 | C | P267200 | | Ram /Rajeev J | 04/01/20 | 06/30/21 | 736 | 5,753 | 11 |



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**Research Expenditures by Primary Sponsor**
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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945028 | C | P417500 | AGREEMENT DTD 10 MAY 2019 | Van Vliet /Krystyn J | 03/01/21 | 02/15/22 | 0 | 6,000 | 6,000 |
| | | 6946488 | C | P401862 | MOD8 | Barbastathis /George | 08/01/21 | 12/31/22 | 15,953 | 0 | (15,953) |
| | | 6946749 | C | P267200 | | Ram /Rajeev J | 04/01/21 | 03/31/22 | 6,799 | 6,799 | 0 |
| | | 6947196 | C | P267200 | AGMT EFF 1/1/18 | Ram /Rajeev J | 04/01/21 | 03/30/22 | 6,633 | 6,701 | 68 |
| | **Total by Primary Sponsor** | | | | | | | | **2,422,049** | **93,522,387** | **702,066** |
| 001140 Malaysian Palm Oil Board | 001140 Malaysian Palm Oil Board | 6930207 | C | P151053 | AGRMNT DTD 11/25/2014 | Rha /Chokyun | 05/01/14 | 07/31/19 | (26,842) | 1,367,214 | (0) |
| | | 6930208 | C | P151053 | AGRMT DTD 10/1/10 | Rha /Chokyun | 05/01/14 | 07/31/19 | (8,119) | 1,868,724 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(34,961)** | **3,235,938** | **(0)** |
| 001149 Rwanda Ministry of Education | 001149 Rwanda Ministr of Education | 6927234 | C | P159400 | AGREEMENT DATED 7/1/2012 | Prinn /Ronald G | 07/01/12 | 06/30/21 | (8) | 806,186 | 0 |
| | | 6941251 | C | P159400 | AGREEMENT DATED 7/1/2012 | Prinn /Ronald G | 07/01/19 | 06/30/21 | 0 | 98,164 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(8)** | **904,350** | **0** |
| 001161 Massachusetts Department of Transportation | 007674 University of Ma | 6944038 | C | P065004 | PO A001039185/SUB21-015630 A | Hart /Anastasios John | 07/01/20 | 05/31/22 | 53,723 | 87,000 | 18,045 |
| | **Total by Primary Sponsor** | | | | | | | | **53,723** | **87,000** | **18,045** |
| 001180 Massachusetts Life Sciences Center | 001180 Massachusetts Life Sciences Center | 6941107 | C | P069400 | | Braatz /Richard D | 07/01/19 | 06/30/22 | 525,000 | 750,000 | 0 |
| | | 6941267 | C | P069400 | AGMT DTD 8/7/19 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | 4,835 | 707,803 | 0 |
| | | 6943363 | C | P069400 | AGMT DTD 8/7/19 | Sinskey /Anthony J | 05/29/20 | 06/30/20 | 0 | 9,114 | 0 |
| | | 6943379 | C | P069400 | AGMT DTD 8/7/19 | Sinskey /Anthony J | 05/29/20 | 06/30/20 | 0 | 15,757 | 0 |
| | | 6943660 | C | P069400 | PC2.1-036 | Han /Jongyoon | 06/15/20 | 12/14/21 | 11,137 | 267,182 | 0 |
| | | 6944253 | C | P152000 | AGREEMENT DTD. 10/22/2020 | Pentelute /Bradley L. | 07/01/20 | 06/30/23 | 0 | 747,427 | 0 |
| | | 6944503 | C | P061901 | AGREEMENT EFFECTIVE 7/1/20 | Mark /Roger G | 07/01/20 | 06/30/21 | 6,226 | 159,245 | 33,176 |
| | | 6945983 | C | P069201 | AGRMNT DTD 08/19/2021 | Griffith /Linda G | 06/01/21 | 06/30/24 | 267,668 | 410,000 | 142,332 |
| | | 6946296 | C | P069201 | AGRMNT DTD 09/24/2021 | Griffith /Linda G | 07/01/21 | 06/23/23 | 123,333 | 295,621 | 172,288 |
| | | 6946399 | C | P061901 | AGREEMENT EFFECTIVE 7/1/20 | Mark /Roger G | 07/01/21 | 06/30/22 | 95,406 | 183,084 | 87,678 |
| | | 6947253 | C | P069201 | AGRMNT DTD 08/19/2021 | Griffith /Linda G | 04/01/22 | 12/31/22 | 111,481 | 240,000 | 128,519 |
| | 006112 Harvard Medica | 6944630 | C | P061901 | 223833.5118364.0110 | Gehrke /Lee | 05/01/20 | 12/31/21 | 176,664 | 190,714 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,321,749** | **3,975,946** | **563,994** |
| 001191 European Commission Directorate General for Research and | 002594 Commissariate | 6943612 | C | P158000 | AGREEMENT DATED 06/17/2020 | Zwiebach /Barton | 11/01/20 | 10/31/22 | 16,573 | 40,220 | 19,672 |
| | **Total by Primary Sponsor** | | | | | | | | **16,573** | **40,220** | **19,672** |
| 001207 Directorate General of the French Treasury | 010295 University of Ca | 6946944 | C | P091020 | 32135 | Suri /Tavneet | 01/31/22 | 06/30/23 | 81,721 | 161,250 | 79,529 |
| | **Total by Primary Sponsor** | | | | | | | | **81,721** | **161,250** | **79,529** |
| 001220 Transport for London | 001220 Transport for Lo | 6922928 | C | P069500 | PO #310-100-2379 | Zhao /Jinhua | 07/01/10 | 06/30/21 | 90 | 8,210,769 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **90** | **8,210,769** | **(0)** |
| 001237 Ningbo Municipal | 102345 Ningbo Institute | 6936774 | C | P267500 | AGMT EFF. 9/1/17 | Kirtley /James L | 09/01/17 | 08/31/18 | 0 | 149,723 | 54,819 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Municpal Government | **Total by Primary Sponsor** | | | | | | | | **0** | **149,723** | **54,819** |
| 001240 NATO | 001240 NATO | 6945610 | C | P066000 | SPS G5865 | Tasan /Cemal | 09/01/21 | 09/01/22 | 12 | 268,399 | 268,387 |
| | | 6946209 | C | P066000 | SPS G5865 | Tasan /Cemal | 09/01/21 | 08/31/22 | 0 | 14,343 | 14,343 |
| | **Total by Primary Sponsor** | | | | | | | | **12** | **282,742** | **282,730** |
| 001275 The World Bank | 001275 The World Bank | 6945043 | C | P121012 | PO 1528092 | Eckles /Dean Griffin | 12/11/20 | 06/30/21 | 2,592 | 100,000 | 0 |
| | 102685 Thompson Desi | 6935751 | C | P031000 | IWAI/WB/NW-/10/4/2015 | Dutta /Arindam | 12/20/16 | 06/30/19 | 0 | 77,400 | 60,146 |
| | **Total by Primary Sponsor** | | | | | | | | **2,592** | **177,400** | **60,146** |
| 001290 Department of Foreign Affairs and Trade | 001290 Department of Foreign Affairs and Trade | 6936436 | C | P091020 | GA 73494 | Olken /Benjamin | 06/01/17 | 12/31/22 | 931,194 | 1,000,000 | (6,200,317) |
| | | 6936437 | C | P091020 | GA 73494 | Olken /Benjamin | 06/01/17 | 12/31/22 | 0 | 3,000,000 | 3,000,000 |
| | | 6941287 | C | P091020 | GA 73494 | Olken /Benjamin | 10/01/18 | 12/31/22 | 0 | 90,000 | 90,000 |
| | | 6945611 | C | P091020 | 76890 | Olken /Benjamin | 06/08/21 | 06/30/22 | 77,968 | 178,710 | 100,742 |
| | | 6947126 | C | P091020 | 76890 | Olken /Benjamin | 06/08/21 | 06/30/22 | 0 | 780,000 | 780,000 |
| | | 6947821 | C | P091020 | 77382 | Olken /Benjamin | 05/27/22 | 10/31/22 | 0 | 381,390 | 381,390 |
| | **Total by Primary Sponsor** | | | | | | | | **1,009,162** | **5,430,100** | **(1,848,186)** |
| 002043 Aerospace Corporation | 002043 Aerospace Corporation | 6939514 | C | P061094 | PO 4600006517 | Spakovszky /Zoltan S | 09/01/18 | 10/31/20 | (237) | 211,832 | (0) |
| | | 6943633 | C | P061093 | RPP 07/16/2020 | de Weck /Olivier L | 05/01/20 | 06/30/21 | 11,471 | 98,354 | 0 |
| | | 6943890 | C | P061093 | MASTER AGRMT DTD 5/1/2020 | de Weck /Olivier L | 09/01/20 | 01/31/22 | 112,370 | 274,795 | 29 |
| | | 6944062 | C | P061097 | MASTER AGRMT DTD 5/1/2020 | Cahoy /Kerri | 06/01/20 | 08/31/21 | 2,015 | 24,961 | 0 |
| | | 6944138 | C | P061094 | RPP 07/16/2020 | Spakovszky /Zoltan S | 05/01/20 | 08/31/21 | 46,863 | 149,421 | (0) |
| | | 6944144 | C | P061096 | RPP 07/16/2020 | Linares /Richard | 05/01/20 | 05/31/22 | 136,939 | 222,547 | 653 |
| | | 6944146 | C | P061096 | RPP 07/16/2020 | Linares /Richard | 05/01/20 | 09/30/22 | 145,127 | 262,553 | (2,499) |
| | | 6945435 | C | P039000 | RPP 07/16/2020 | Wood /Danielle Renee | 05/01/20 | 03/31/22 | 69,938 | 100,000 | (298) |
| | | 6946068 | C | P061094 | RPP 07/16/2021 | Spakovszky /Zoltan S | 09/01/21 | 08/31/22 | 120,913 | 156,316 | 35,403 |
| | | 6947773 | C | P061093 | MASTER AGRMT DTD 5/1/2020 | de Weck /Olivier L | 02/01/22 | 08/31/22 | 37,750 | 88,469 | 50,719 |
| | **Total by Primary Sponsor** | | | | | | | | **683,148** | **1,589,248** | **84,007** |
| 002067 Amgen | 002067 Amgen | 6935603 | C | P069201 | PO 7300205880 | Kamm /Roger Dale | 01/01/17 | 06/29/22 | 57,279 | 665,863 | (1,059) |
| | | 6937898 | C | P062000 | 2017771309-002 | Braatz /Richard D | 12/20/17 | 12/31/19 | 0 | 191,003 | (0) |
| | | 6937899 | C | P062000 | 2017771309-001 | Strano /Michael S. | 12/18/17 | 06/18/19 | 0 | 269,805 | 0 |
| | | 6938986 | C | P067952 | CONTRACT NO. 5562031 | Barzilay /Regina | 06/15/18 | 12/31/18 | 0 | 56,647 | 0 |
| | | 6939945 | C | P069201 | AMGEN CONTRACT NO.8693899 | Griffith /Linda G | 09/01/18 | 12/31/19 | 0 | 173,653 | (0) |
| | | 6940170 | C | P062000 | 2017771309-001 | Strano /Michael S. | 01/01/19 | 03/31/19 | 0 | 6,251 | 0 |
| | | 6940552 | C | P062000 | 2017771309-001 | Strano /Michael S. | 03/01/19 | 06/18/19 | 0 | 12,439 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **57,279** | **1,375,660** | **(1,059)** |
| 002109 American Telephone & Telegraph, Company | 002109 American Telep | 9843500 | C | P152000 | LETTER DATED 9/2/86 | Ceyer /Sylvia Teresse | 10/01/86 | 12/31/99 | 0 | 25,639 | 10,661 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **25,639** | **10,661** |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 002132 Analog Devices, Incorporated | 002132 Analog Devices Incorporated | 6923889 | C | P060600 | AGRMT DATED 5/3/11 | Sodini /Charles G | 05/06/11 | 01/31/23 | 31,991 | 254,011 | 44,506 |
| | | 6923898 | C | P060600 | AGRMT DATED 5/3/11 | Sodini /Charles G | 05/06/11 | 01/31/23 | 129,627 | 1,699,234 | 59,169 |
| | | 6923899 | C | P267111 | AGRMT DATED 5/3/11 | Voldman /Joel | 05/06/11 | 07/31/12 | 0 | 45,776 | 0 |
| | | 6925817 | C | P267600 | AGRMT DATED 5/3/11 | Stultz /Collin M | 05/06/11 | 07/31/13 | 0 | 25,017 | 0 |
| | | 6929836 | C | P065004 | AGRMT DATED 5/3/11 | Kim /Sang-Gook | 05/06/11 | 11/05/17 | 0 | 235,513 | (0) |
| | | 6932997 | C | P061093 | AGMNT DTD 11/1/15 | Wardle /Brian L | 11/01/15 | 10/31/21 | 41,213 | 996,119 | (0) |
| | | 6933389 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | del Alamo /Jesus A | 12/31/15 | 05/31/23 | 0 | 192,988 | 192,988 |
| | | 6933446 | C | P152000 | AGMT DTD 12/31/2015 | Dinca /Mircea | 12/31/15 | 12/31/19 | 0 | 701,822 | (0) |
| | | 6933447 | C | P267500 | AGMT DTD 12/31/2015 | Lang /Jeffrey H | 12/31/15 | 12/31/19 | 0 | 450,000 | (0) |
| | | 6933448 | C | P067952 | AGMT DTD 12/31/2015 | Jaakkola /Tommi S | 12/31/15 | 12/31/16 | 0 | 50,513 | 0 |
| | | 6933449 | C | P067952 | AGMT DTD 12/31/2015 | Jegelka /Stefanie Sabrina | 12/31/15 | 12/31/16 | 0 | 13,192 | 0 |
| | | 6933450 | C | P068700 | AGMT DTD 12/31/2015 | Sra /Suvrit | 12/31/15 | 06/30/16 | 0 | 26,831 | (0) |
| | | 6933451 | C | P060600 | AGMT DTD 12/31/2015 | Sze /Vivienne | 12/31/15 | 12/31/16 | 0 | 5,763 | (0) |
| | | 6933452 | C | P060600 | AGMT DTD 12/31/2015 | Chandrakasan /Anantha P | 12/31/15 | 07/31/16 | 0 | 16,890 | 0 |
| | | 6933453 | C | P060600 | AGMT DTD 12/31/2015 | Devadas /Srinivas | 12/31/15 | 12/31/19 | 0 | 236,361 | 0 |
| | | 6933454 | C | P060600 | AGMT DTD 12/31/2015 | Vaikuntanathan /Vinod | 12/31/15 | 12/31/17 | 0 | 202,455 | 0 |
| | | 6933558 | C | P152000 | AGMT DTD 12/31/2015 | Dinca /Mircea | 12/31/15 | 03/31/16 | 0 | 25,178 | 0 |
| | | 6934804 | C | P267110 | AGRMT DATED 5/3/11 | Voldman /Joel | 09/01/16 | 12/01/20 | 0 | 148,000 | 0 |
| | | 6935238 | C | P060600 | AGMT DTD 12/31/2015 | Sze /Vivienne | 10/01/16 | 06/30/20 | 0 | 389,980 | 0 |
| | | 6935301 | C | P061093 | AGMNT DTD 11/1/15 | Wardle /Brian L | 01/01/17 | 12/31/17 | 0 | 94,959 | 0 |
| | | 6935302 | C | P061093 | AGMNT DTD 11/1/15 | Wardle /Brian L | 01/15/17 | 01/15/19 | 0 | 191,163 | (0) |
| | | 6935307 | C | P060601 | AGMT DTD 12/1/2016 | Shulaker /Max M. | 12/01/16 | 03/31/22 | 13,058 | 758,068 | 77,440 |
| | | 6935641 | C | P060601 | AGMT DTD 12/31/2015 | Shulaker /Max M. | 02/01/17 | 08/31/23 | 2,513 | 747,000 | 412,853 |
| | | 6936084 | C | P060600 | AGMT DTD 12/1/2016 | Shulaker /Max M. | 02/01/17 | 03/31/20 | 0 | 11,932 | 0 |
| | | 6937273 | C | P060600 | AGMT DTD 12/31/2015 | Lee /Hae-Seung | 09/01/17 | 05/31/23 | 58,887 | 529,611 | 37,142 |
| | | 6937726 | C | P060601 | AGRMT DATED 5/3/11 | Shulaker /Max M. | 11/01/17 | 01/31/23 | 64,084 | 490,000 | 220,137 |
| | | 6938342 | C | P060600 | AGMT DTD 12/31/2015 - AMD 5 | Antoniadis /Dimitri A | 04/01/18 | 03/31/19 | 0 | 29,772 | 0 |
| | | 6938618 | C | P060600 | PER AMENDMENT 7 | Chandrakasan /Anantha P | 02/01/18 | 06/30/21 | (2) | 240,000 | 0 |
| | | 6938619 | C | P060600 | PER AMENDMENT 7 | Devadas /Srinivas | 05/01/18 | 06/30/20 | 0 | 240,000 | (0) |
| | | 6938906 | C | P267500 | AGRMT DATED 5/3/11 | Stultz /Collin M | 07/01/18 | 05/31/21 | 0 | 132,449 | (0) |
| | | 6940030 | C | P060601 | PO # 45674134 / AGMT DTD 12/31/20 | Shulaker /Max M. | 02/01/19 | 01/31/22 | 0 | 48,645 | 0 |
| | | 6940194 | C | P060600 | PER AMENDMENT 7 | Lee /Hae-Seung | 02/01/18 | 06/30/21 | (128) | 240,000 | 0 |
| | | 6940949 | C | P067952 | PO # 45674134 / AGMT DTD 12/31/20 | Vaikuntanathan /Vinod | 10/01/19 | 10/15/22 | 138,874 | 240,000 | 93,610 |
| | | 6942211 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | Shavit /Nir N. | 01/16/20 | 01/15/23 | 58,618 | 200,000 | 85 |
| | | 6942289 | C | P061901 | AGRMT DATED 5/3/11 | Heldt /Thomas | 12/01/19 | 01/31/23 | 93,512 | 270,000 | 72,117 |
| | | 6942717 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | Boning /Duane S | 01/01/20 | 03/31/22 | 101,688 | 300,000 | (0) |
| | | 6943734 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | Chandrakasan /Anantha P | 09/01/20 | 08/31/22 | 87,958 | 240,000 | 126,800 |
| | | 6943737 | C | P060601 | PO # 45674134 / AGMT DTD 12/31/20 | Baldo /Marc A | 01/01/21 | 12/31/22 | 235,673 | 306,000 | 70,327 |
| | | 6943738 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | del Alamo /Jesus A | 06/01/20 | 05/31/22 | 133,331 | 202,816 | (22,436) |
| | | 6944122 | C | P060600 | PO # 45674134 / AGMT DTD 12/31/20 | del Alamo /Jesus A | 09/01/20 | 05/31/22 | 8,514 | 70,184 | 6,966 |
| | | 6945291 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Lee /Hae-Seung | 03/01/22 | 01/15/23 | 0 | 35,000 | 35,000 |
| | | 6945444 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Englund /Dirk R. | 05/03/21 | 05/02/23 | 94,668 | 193,950 | 99,282 |
| | | 6945537 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Devadas /Srinivas | 04/01/21 | 08/31/23 | 20,058 | 120,000 | 99,942 |
| | | 6945877 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Englund /Dirk R. | 05/03/21 | 05/02/23 | 26,699 | 26,050 | (649) |
| | | 6945965 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Wardle /Brian L | 11/01/21 | 10/31/23 | 131,662 | 111,449 | (20,213) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946388 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Shao-Horn /Yang | 10/01/21 | 03/31/23 | 47,854 | 200,000 | 152,146 |
| | | 6946602 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Englund /Dirk R. | 05/03/21 | 05/02/23 | 26,653 | 30,000 | 3,347 |
| | | 6947543 | C | P060601 | PO # 45674134 / AGMT DTD 12/31/20 | Baldo /Marc A | 01/01/21 | 12/31/22 | 6,188 | 54,000 | 47,812 |
| | | 6947667 | C | P267113 | ADI MASTER AGREEMENT EFF. 1/1/2 | Englund /Dirk R. | 05/03/21 | 05/02/23 | 42,121 | 40,000 | (2,121) |
| | **Total by Primary Sponsor** | | | | | | | | **1,595,313** | **12,108,690** | **1,806,251** |
| 002142 Applied Materials, Incorporated | 002142 Applied Materia | 6946115 | C | P267110 | SRA DTD. 09/03/2021 | Perreault /David J | 09/01/21 | 08/31/23 | 36,548 | 474,888 | 438,340 |
| | **Total by Primary Sponsor** | | | | | | | | **36,548** | **474,888** | **438,340** |
| 002145 Apple, Incorporated | 002145 Apple, Incorporated | 6944960 | C | P066000 | RPP SIGNED 2/16/2021 | Olivetti /Elsa A | 02/26/21 | 02/25/23 | 103,922 | 125,349 | (7,338) |
| | | 6945068 | C | P066000 | RPP EXECUTED 12/22/2020 / PO # 60 | Olivetti /Elsa A | 12/23/20 | 04/22/23 | 22,340 | 294,146 | 232,527 |
| | | 6945913 | C | P417500 | RPP DATED 8/1/2021 | Allanore /Antoine | 08/01/21 | 07/30/23 | 150,477 | 309,806 | 159,329 |
| | | 6946035 | C | P069400 | 6000525840 | Raskar /Ramesh | 09/01/21 | 08/31/23 | 79,016 | 125,000 | 45,984 |
| | | 6947140 | C | P066000 | AWARD EFF 3/23/22 | Tasan /Cemal | 03/11/22 | 08/11/22 | 40,332 | 55,417 | 15,085 |
| | **Total by Primary Sponsor** | | | | | | | | **396,087** | **909,718** | **445,586** |
| 002199 BASF | 002199 BASF | 6941795 | C | P402400 | AGREEMENT DATED SEPTEMBER 1 | Fernandez /John | 09/01/19 | 01/15/22 | 16,487 | 198,000 | 0 |
| | | 6942140 | C | P065005 | 87767533 | Winter /Amos G | 01/01/20 | 06/30/24 | (33,132) | 550,000 | 439,641 |
| | | 6944640 | C | P065004 | | Fang /Xuanlai | 12/15/20 | 12/14/21 | 76,856 | 170,000 | (0) |
| | | 6945795 | C | P152000 | AGREEMENT DTD 08/02/2021 | Johnson /Jeremiah A. | 07/01/21 | 12/31/23 | 147,795 | 373,124 | 225,329 |
| | | 6947203 | C | P066000 | AGT EFF 3/1/22 | Gomez-Bombarelli /Rafael | 03/01/22 | 02/28/23 | 45,248 | 225,000 | 179,752 |
| | | 6947213 | C | P062000 | | Roman /Yuriy | 12/01/21 | 11/30/22 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **253,253** | **1,616,124** | **944,722** |
| 002204 Bayer, A.G | 002204 Bayer, A.G. | 6944024 | C | P062000 | RESEARCH AGREEMENT EFFECTIV | Jensen /Klavs F | 10/01/20 | 09/30/22 | 198,810 | 450,000 | 80,907 |
| | **Total by Primary Sponsor** | | | | | | | | **198,810** | **450,000** | **80,907** |
| 002231 ARAMCO Services Company | 002231 ARAMCO Services Company | 6926345 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Armstrong /Robert C | 09/01/12 | 11/30/21 | 0 | 1,354,393 | 1,354,393 |
| | | 6927042 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Hatton /Trevor Alan | 09/01/12 | 08/31/15 | 0 | 1,024,582 | (0) |
| | | 6927994 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Swager /Timothy M | 06/15/13 | 10/31/14 | 0 | 332,649 | (0) |
| | | 6927995 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Doyle /Patrick S | 06/15/13 | 10/31/14 | 0 | 164,342 | 0 |
| | | 6927996 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Hatton /Trevor Alan | 06/15/13 | 10/31/14 | 0 | 275,750 | (0) |
| | | 6927997 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Darmofal /David L | 06/15/13 | 06/30/17 | 0 | 800,000 | 0 |
| | | 6928405 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Surendranath /Yogesh | 08/05/13 | 08/21/15 | 0 | 1,195,276 | 0 |
| | | 6929072 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Stephanopoulos /Gregory | 06/01/13 | 01/31/15 | 0 | 92,550 | (0) |
| | | 6929073 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Williams /John R | 01/01/14 | 12/31/15 | 0 | 200,000 | 0 |
| | | 6929215 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Edelman /Alan | 07/13/13 | 06/30/17 | 0 | 644,873 | 0 |
| | | 6929568 | C | P039010 | AGREEMENT DATED 11/1/13 | Bove /V Michael | 11/01/13 | 12/31/16 | 0 | 479,243 | 0 |
| | | 6929569 | C | P039010 | AGREEMENT DATED 11/1/13 | Raskar /Ramesh | 11/01/13 | 12/31/16 | 0 | 475,165 | 0 |
| | | 6929570 | C | P039010 | AGREEMENT DATED 11/1/13 | Paradiso /Joseph A | 11/01/13 | 12/31/16 | 0 | 478,566 | 0 |
| | | 6929571 | C | P039010 | AGREEMENT DATED 11/1/13 | Ishii /Hiroshi | 11/01/13 | 12/31/16 | 0 | 392,580 | 0 |
| | | 6929572 | C | P039010 | AGREEMENT DATED 11/1/13 | Maes /Patricia | 11/01/13 | 12/31/16 | 0 | 480,056 | 0 |
| | | 6929573 | C | P039010 | AGREEMENT DATED 11/1/13 | Ito /Joichi | 11/01/13 | 12/31/16 | 0 | 576,664 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929631 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Juanes /Ruben | 04/01/14 | 03/31/17 | 0 | 1,100,000 | 0 |
| | | 6930388 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Dinca /Mircea | 08/01/14 | 07/31/19 | 0 | 2,485,948 | (0) |
| | | 6930626 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Green /William H | 09/01/14 | 08/31/18 | 0 | 993,703 | (0) |
| | | 6930627 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Ghoniem /Ahmed F | 09/01/14 | 08/31/18 | 0 | 790,000 | (0) |
| | | 6930839 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Roman /Yuriy | 10/01/14 | 09/30/19 | 0 | 1,694,875 | 0 |
| | | 6931038 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Han /Jongyoon | 09/01/14 | 12/31/15 | 0 | 100,000 | 0 |
| | | 6931039 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Buie /Cullen | 09/01/14 | 12/31/15 | 0 | 100,000 | 0 |
| | | 6931140 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Green /William H | 09/01/14 | 08/31/18 | 0 | 614,416 | 0 |
| | | 6931942 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Bazant /Martin Z | 06/01/15 | 05/31/18 | 0 | 599,890 | (0) |
| | | 6932299 | C | P039010 | AGREEMENT DATED 11/1/13 | Ishii /Hiroshi | 11/01/13 | 10/31/16 | 0 | 82,914 | 0 |
| | | 6932745 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Roman /Yuriy | 09/09/15 | 01/31/17 | 0 | 37,416 | 0 |
| | | 6934961 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Dinca /Mircea | 09/22/16 | 03/31/17 | 0 | 12,067 | 0 |
| | | 6935533 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Wang /Qiqi | 01/01/17 | 12/31/19 | 0 | 437,217 | 0 |
| | | 6935569 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Swager /Timothy M | 01/01/17 | 12/31/18 | 0 | 400,000 | (0) |
| | | 6935599 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Jensen /Klavs F | 04/01/17 | 08/31/20 | 0 | 400,000 | (0) |
| | | 6935720 | C | P320103 | ARAMCO SERVICES CO CONTRACT | Smith /Zachary P | 02/01/17 | 07/31/18 | 0 | 200,000 | (0) |
| | | 6935878 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Darmofal /David L | 06/01/17 | 05/31/21 | (76) | 800,000 | (0) |
| | | 6936216 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Buonassisi /Anthony | 04/01/17 | 07/31/18 | 0 | 149,648 | (0) |
| | | 6936224 | C | P320102 | ARAMCO SERVICES CO CONTRACT | Varanasi /Kripa | 04/01/17 | 09/30/18 | 0 | 122,116 | (0) |
| | | 6936230 | C | P320103 | ARAMCO SERVICES CO CONTRACT | Hatton /Trevor Alan | 04/15/17 | 07/31/18 | 0 | 186,646 | 0 |
| | | 6936302 | C | P320102 | ARAMCO SERVICES CO CONTRACT | Willard /Adam P. | 04/15/17 | 04/14/18 | 0 | 87,813 | 0 |
| | | 6936394 | C | P320103 | ARAMCO SERVICES CO CONTRACT | Roman /Yuriy | 04/01/17 | 06/04/18 | 0 | 135,931 | 0 |
| | | 6936410 | C | P320102 | ARAMCO SERVICES CO CONTRACT | Grossman /Jeffrey C. | 04/15/17 | 07/31/18 | 0 | 185,979 | 0 |
| | | 6936411 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Edelman /Alan | 07/01/17 | 06/30/21 | (8,643) | 621,583 | (0) |
| | | 6936574 | C | P153000 | ASC CONTRACT NO. A-0231-2017 | Jagoutz /Oliver E | 05/01/17 | 10/31/22 | 193,144 | 1,432,997 | 57,343 |
| | | 6937153 | C | P320103 | ARAMCO SERVICES CO CONTRACT | Hatton /Trevor Alan | 09/04/17 | 04/15/18 | 0 | 13,354 | 0 |
| | | 6939372 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Barrett /Steven R. H. | 09/01/18 | 01/31/21 | 0 | 648,635 | 0 |
| | | 6940087 | C | P320000 | ARAMCO SERVICES CO CONTRACT | Smith /Zachary P | 12/01/18 | 11/30/21 | 68,308 | 750,000 | 0 |
| | | 6942684 | C | P065005 | | McKinley /Gareth H | 05/01/20 | 04/30/23 | 198,341 | 499,390 | 75,164 |
| | **Total by Primary Sponsor** | | | | | | | | **451,074** | **24,649,225** | **1,486,900** |
| 002282 Biogen Research Corporation | 002282 Biogen Researc | 6938977 | C | P069201 | PO #940101/995583 | Kamm /Roger Dale | 06/01/18 | 08/28/21 | (20,162) | 454,989 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(20,162)** | **454,989** | **(0)** |
| 002293 Biogen, Incorporated | 002293 Biogen, Incorpo | 6945265 | C | P159400 | AGMT DATED 01/01/21 | Selin /Noelle E | 01/01/21 | 12/31/23 | 638,132 | 1,600,000 | 831,588 |
| | **Total by Primary Sponsor** | | | | | | | | **638,132** | **1,600,000** | **831,588** |
| 002300 Boeing | 002300 Boeing | 6935786 | C | P061090 | MRA# 2017-656 | How /Jonathan P | 06/01/17 | 12/31/22 | 77,314 | 965,000 | 98,526 |
| | | 6937228 | C | P061094 | MRA# 2017-656 | Guerra Garcia /Carmen | 08/01/17 | 12/31/22 | 100,765 | 938,256 | 97,039 |
| | | 6937519 | C | P061090 | MRA# 2017-656 | How /Jonathan P | 09/01/17 | 12/31/22 | 38,475 | 150,000 | 8,480 |
| | | 6938814 | C | P061090 | MRA# 2017-656 | Hastings /Daniel E | 01/01/18 | 12/31/21 | 75,000 | 300,000 | 0 |
| | | 6940111 | C | P067952 | #Z0918-5060 | Rinard /Martin C | 12/01/18 | 11/30/22 | 13,586 | 428,445 | 98,301 |
| | | 6943358 | C | P067952 | 2020-BRT-PA-021 | Williams /Brian C | 04/30/20 | 04/29/23 | 140,494 | 450,000 | (58,754) |
| | | 6943591 | C | P061093 | MRA# 2017-656 | Darmofal /David L | 01/01/20 | 12/31/22 | 160,214 | 450,000 | 53,474 |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944228 | C | P061094 | MRA# 2017-656 | Guerra Garcia /Carmen | 05/01/19 | 12/31/22 | 0 | 5,500 | 4,357 |
| | | 6944596 | C | P065004 | MRA# 2017-656 | Annaswamy /Anuradha M | 01/01/21 | 12/31/23 | 268,740 | 900,000 | 480,670 |
| | | 6946520 | C | P061094 | MRA# 2017-656 | Hansman /Robert J | 09/01/21 | 08/31/24 | 90,286 | 296,115 | 205,829 |
| | **Total by Primary Sponsor** | | | | | | | | **964,874** | **4,883,316** | **987,922** |
| 002306 Boehringer Ingelheim Pharmaceuticals | 002306 Boehringer Inge | 6947788 | C | P069201 | CONTRACT# 590457 | Kamm /Roger Dale | 09/01/22 | 09/30/24 | 0 | 183,882 | 183,882 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **183,882** | **183,882** |
| 002312 Bose Corporation | 002312 Bose Corporatic | 6938209 | C | P039010 | AGREEMENT EFF 12/1/2017 | Maes /Patricia | 12/01/17 | 03/31/20 | 0 | 205,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **205,000** | **0** |
| 002331 Boeing North America, Incorporated | 002331 Boeing North America, Incorporated | 6936308 | C | P065004 | MRA# 2017-656 | Asada /Haruhiko | 10/01/17 | 10/31/18 | 0 | 88,111 | 0 |
| | | 6937521 | C | P065004 | MRA# 2017-656 | Asada /Haruhiko | 10/10/17 | 10/30/18 | 0 | 11,889 | 0 |
| | | 6940265 | C | P067952 | #Z1218-5078 | Rus /Daniela L | 01/01/19 | 12/31/22 | 193,530 | 750,000 | 371,341 |
| | **Total by Primary Sponsor** | | | | | | | | **193,530** | **850,000** | **371,341** |
| 002352 British Petroleum Company, Limited | 007016 BP Technology | 6915090 | C | P320000 | AMENDMENT 2 (EFF 3/1/2012) TO RE | Armstrong /Robert C | 09/01/06 | 12/31/18 | 270 | 1,758,098 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **270** | **1,758,098** | **0** |
| 002393 Catalyst Foundation | 005274 Boston Universi | 6945570 | C | P267600 | SUBAWARD #4500003885 | Lu /Timothy K | 03/01/21 | 02/28/22 | 4,074 | 30,000 | 25,926 |
| | **Total by Primary Sponsor** | | | | | | | | **4,074** | **30,000** | **25,926** |
| 002439 Chevron Energy Technology Company | 002439 Chevron Energy Technology Company | 6917480 | C | P065005 | CW1251339 MITEI SO#15053682 CO | Triantafyllou /Michael S | 10/01/07 | 12/31/18 | 23,812 | 435,876 | 0 |
| | | 6942771 | C | P320000 | | McKinley /Gareth H | 01/15/20 | 02/28/21 | (562) | 79,636 | 0 |
| | | 6943187 | C | P320000 | | McKinley /Gareth H | 05/01/20 | 07/31/20 | 0 | 5,364 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **23,250** | **520,876** | **0** |
| 002491 Colgate Palmolive Compar | 002491 Colgate Palmolive Company | 6931043 | C | P039010 | MEDIA LAB CONSORTIA | Raskar /Ramesh | 07/01/13 | 09/30/18 | 0 | 1,125,000 | (0) |
| | | 6939849 | C | P039010 | AGREEMENT DATED 10/22/18 | Shah /Pratik | 10/01/18 | 03/31/21 | 0 | 500,000 | (0) |
| | | 6942333 | C | P061901 | AGMT DTD. 12/19/2019 | Lieberman /Tami Danielle | 01/01/20 | 12/31/21 | 101,663 | 150,000 | 0 |
| | | 6947735 | C | P061901 | AGREEMENT DATED 6/2/22 | Lieberman /Tami Danielle | 01/01/22 | 12/31/22 | 13,620 | 105,000 | 91,380 |
| | **Total by Primary Sponsor** | | | | | | | | **115,283** | **1,880,000** | **91,380** |
| 002500 Corning, Incorporated | 002500 Corning, Incorpo | 6942323 | C | P069500 | AGMT DATED 10/24/19 | Coughlin /Joseph F | 12/01/19 | 12/31/21 | 45,607 | 207,339 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **45,607** | **207,339** | **(0)** |
| 002561 Cisco Systems, Incorporated | 002561 Cisco Systems, | 6923637 | C | P122172 | LEADERSHIP CONSORTIUM AGREEI | Ancona /Deborah G | 06/01/10 | 05/31/15 | 0 | 247,415 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **247,415** | **(0)** |
| 002609 DLR | 002609 DLR | 6942124 | C | P061097 | AGMT. DTD. 12/01/2019 | Saenz-Otero /Alvar | 12/01/19 | 08/31/21 | 4,044 | 40,000 | 12,339 |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **4,044** | **40,000** | **12,339** |
| 002650 Dow Chemical Compan | 002650 Dow Chemical Company | 6937824 | C | P152000 | AGREEMENT DATED JULY 20, 2017 | Dinca /Mircea | 11/15/17 | 11/14/20 | 0 | 872,471 | 0 |
| | | 6937889 | C | P062000 | AGREEMENT DATED JULY 20, 2017 | Rutledge /Gregory C | 11/15/17 | 05/14/25 | 206,960 | 1,769,478 | 485,977 |
| | | 6937973 | C | P068000 | AGREEMENT DATED JULY 20, 2017 | Yildiz /Bilge | 11/15/17 | 06/30/22 | 74,008 | 1,264,128 | (220) |
| | | 6938140 | C | P062000 | AGREEMENT DATED JULY 20, 2017 | Olsen /Bradley D. | 12/15/17 | 06/14/21 | 9,904 | 596,737 | 0 |
| | | 6938141 | C | P152000 | AGREEMENT DATED JULY 20, 2017 | Johnson /Jeremiah A. | 12/15/17 | 12/14/20 | 0 | 689,873 | 0 |
| | | 6939780 | C | P062000 | 252048AE | Green /William H | 09/01/18 | 02/28/22 | 212,106 | 767,977 | 3,650 |
| | | 6943308 | C | P063007 | AGREEMENT DATED JULY 20, 2017 | Cordero Sanchez /Otto X. | 06/01/20 | 05/31/23 | 370,810 | 455,031 | (96,868) |
| | | 6943309 | C | P067952 | 252048AF - AGMT DTD JULY 20, 2017 | Barzilay /Regina | 04/01/20 | 03/31/23 | 17,576 | 250,000 | 147,750 |
| | | 6943310 | C | P067952 | AGREEMENT DATED JULY 20, 2017 | Jensen /Klavs F | 04/01/20 | 03/31/23 | 122,836 | 250,000 | 5,691 |
| | | 6945287 | C | P152000 | AGREEMENT DATED JULY 20, 2017 | Dinca /Mircea | 04/15/21 | 04/14/24 | 255,009 | 370,095 | 85,458 |
| | | 6946955 | C | P152000 | AGREEMENT DATED JULY 20, 2017 | Dinca /Mircea | 01/01/22 | 02/15/22 | 5,970 | 5,528 | (443) |
| | **Total by Primary Sponsor** | | | | | | | | **1,275,181** | **7,291,318** | **630,995** |
| 002658 Dentsu, Incorporated | 002658 Dentsu, Incorpo | 6942033 | C | P039010 | MEDIA LAB CONSORTIA | Picard /Rosalind W. | 06/01/19 | 12/31/21 | 26,476 | 90,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **26,476** | **90,000** | **(0)** |
| 002670 DSM Research | 002670 DSM Research | 6939910 | C | P069201 | PO# 4702063178 | Voigt /Christopher A. | 07/01/18 | 06/30/21 | (12,122) | 518,185 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(12,122)** | **518,185** | **(0)** |
| 002674 Denso International America | 002674 Denso International America | 6932046 | C | P039010 | AGREEMENT DATED 3/1/14 | Larson /Kent | 07/01/14 | 10/31/16 | 0 | 297,695 | (0) |
| | | 6934093 | C | P039010 | | Larson /Kent | 01/02/16 | 10/31/16 | 0 | 102,184 | 0 |
| | | 6941250 | C | P069400 | PO 177297 | Rhodes /Donna H | 09/01/19 | 08/31/21 | 5,420 | 124,915 | (0) |
| | | 6945266 | C | P063007 | PO#: ORN-00011661-20003 | Simchi-Levi /David | 05/01/20 | 07/31/22 | 156,216 | 161,453 | 5,237 |
| | **Total by Primary Sponsor** | | | | | | | | **161,636** | **686,247** | **5,237** |
| 002690 E.I. Du Pont De Nemours & Company | 002690 E.I. Du Pont De Nemours & Company | 6791744 | C | P065000 | AGMT EFF. 12/10/99 | Consi /Thomas R | 02/01/01 | 02/01/03 | 0 | 191,698 | 0 |
| | | 6890357 | C | P069201 | AGMT EFF. 1/31/12 | Tidor /Bruce | 01/01/00 | 01/30/18 | 0 | 111,394 | 0 |
| | | 6890449 | C | P069201 | AGMT EFF. 12/10/99 | Tidor /Bruce | 01/01/00 | 01/30/18 | 0 | 2,918,887 | 0 |
| | | 6890450 | C | P069201 | AGMT EFF. 12/10/99 | Tidor /Bruce | 01/01/00 | 01/30/18 | 0 | 328,040 | 0 |
| | | 6891363 | C | P065000 | AGMT EFF. 12/10/99 | Kamm /Roger Dale | 09/01/00 | 12/31/02 | 0 | 142,065 | (0) |
| | | 6891364 | C | P066000 | AGMT EFF. 12/10/99 | Rubner /Michael F | 09/01/00 | 01/31/04 | 0 | 964,723 | (0) |
| | | 6891365 | C | P166000 | AGMT EFF. 12/10/99 | Wang /Daniel I. C. | 08/01/00 | 12/31/05 | 0 | 603,471 | 0 |
| | | 6891469 | C | P152000 | AGMT EFF. 12/10/99 | Stubbe /JoAnne | 09/01/00 | 12/31/02 | 0 | 70,774 | (0) |
| | | 6891470 | C | P069850 | AGMT EFF. 12/10/99 | van Oudenaarden /Alexander | 09/01/00 | 05/31/04 | 0 | 597,233 | (0) |
| | | 6891471 | C | P122000 | AGMT EFF. 12/10/99 | Murray /Fiona E | 09/01/00 | 12/31/03 | 0 | 282,221 | 0 |
| | | 6891472 | C | P062000 | AGMT EFF. 12/10/99 | Stephanopoulos /Gregory | 09/01/00 | 04/30/04 | 0 | 1,391,882 | 0 |
| | | 6891474 | C | P062000 | AGMT EFF. 12/10/99 | Jensen /Klavs F | 09/01/00 | 12/31/05 | 0 | 1,405,686 | (0) |
| | | 6891477 | C | P069200 | AGMT EFF. 12/10/99 | Griffith /Linda G | 09/01/00 | 11/14/06 | 0 | 1,698,240 | 0 |
| | | 6891478 | C | P069850 | AGMT EFF. 12/10/99 | Thomas /Edwin L | 09/01/00 | 05/31/04 | 0 | 343,378 | 0 |
| | | 6891546 | C | P151000 | AGMT EFF. 12/10/99 | Sinskey /Anthony J | 09/01/00 | 12/31/05 | 0 | 893,472 | (0) |
| | | 6891547 | C | P062000 | AGMT EFF. 12/10/99 | Laibinis /Paul E | 09/01/00 | 03/27/03 | 0 | 341,273 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6891548 | C | P267600 | AGMT EFF. 12/10/99 | Ram /Rajeev J | 09/01/00 | 12/31/05 | 0 | 755,991 | 0 |
| | | 6891611 | C | P151009 | AGMT EFF. 12/10/99 | Grossman /Alan Davis | 09/01/00 | 05/31/04 | 0 | 424,601 | (0) |
| | | 6891612 | C | P151031 | AGMT EFF. 12/10/99 | Sinskey /Anthony J | 09/01/00 | 04/30/04 | 0 | 458,654 | 0 |
| | | 6891613 | C | P065000 | AGMT EFF. 12/10/99 | Anand /Lallit | 09/01/00 | 04/30/03 | 0 | 141,765 | (0) |
| | | 6891614 | C | P065000 | AGMT EFF. 12/10/99 | McKinley /Gareth H | 09/01/00 | 12/31/02 | 0 | 165,995 | 0 |
| | | 6891615 | C | P166000 | AGMT EFF. 12/10/99 | Zhang /Shuguang | 09/01/00 | 12/31/02 | 0 | 107,764 | 0 |
| | | 6891743 | C | P066000 | AGMT EFF. 12/10/99 | Chiang /Yet-Ming | 02/01/01 | 06/30/06 | 0 | 679,964 | 0 |
| | | 6891745 | C | P166000 | AGMT EFF. 12/10/99 | Grodzinsky /Alan J | 02/01/01 | 12/31/03 | 0 | 300,013 | 0 |
| | | 6891746 | C | P159300 | AGMT EFF. 12/10/99 | Sur /Mriganka | 02/01/01 | 05/31/04 | 0 | 288,693 | 0 |
| | | 6891747 | C | P166000 | AGMT EFF. 12/10/99 | Zhang /Shuguang | 02/01/01 | 12/31/03 | 0 | 475,000 | 0 |
| | | 6891802 | C | P166000 | AGMT EFF. 12/10/99 | Tannenbaum /Steven R | 01/01/01 | 01/31/05 | 0 | 629,774 | (0) |
| | | 6891803 | C | P069200 | AGMT EFF. 12/10/99 | Sherley /James L | 01/01/01 | 12/31/04 | 0 | 505,042 | (0) |
| | | 6891804 | C | P166000 | AGMT EFF. 12/10/99 | Lauffenburger /Douglas A | 01/01/01 | 02/28/05 | 0 | 90,000 | 0 |
| | | 6891805 | C | P166000 | AGMT EFF. 12/10/99 | Sorger /Peter K | 01/01/01 | 12/31/04 | 0 | 300,682 | (0) |
| | | 6891806 | C | P402100 | AGMT EFF. 12/10/99 | Schauer /David | 01/01/01 | 02/28/05 | 0 | 310,099 | 0 |
| | | 6891821 | C | P065000 | AGMT EFF. 12/10/99 | Consi /Thomas R | 02/01/01 | 01/31/03 | 0 | 98,789 | 0 |
| | | 6891955 | C | P159300 | AGMT EFF. 12/10/99 | Langer /Robert S | 02/01/01 | 12/31/03 | 0 | 175,745 | (0) |
| | | 6892439 | C | P166000 | AGMT EFF. 12/10/99 | Grodzinsky /Alan J | 09/01/01 | 12/31/03 | 0 | 339,966 | 0 |
| | | 6892440 | C | P152000 | AGMT EFF. 12/10/99 | Seeberger /Peter H | 09/01/01 | 08/31/03 | 0 | 144,776 | (0) |
| | | 6892441 | C | P069200 | AGMT EFF. 12/10/99 | Sasisekharan /Ram | 09/01/01 | 08/31/03 | 0 | 145,696 | (0) |
| | | 6892667 | C | P062000 | AGMT EFF. 12/10/99 | Doyle /Patrick S | 10/01/01 | 05/31/06 | 0 | 373,200 | (0) |
| | | 6892987 | C | P064000 | AGMT EFF. 12/10/99 | Dresselhaus /Mildred S | 01/01/00 | 10/15/02 | 0 | 13,941 | 0 |
| | | 6893110 | C | P267600 | AGMT EFF. 12/10/99 | Ram /Rajeev J | 09/01/00 | 12/31/02 | 0 | 3,450 | 0 |
| | | 6893175 | C | P069200 | AGMT EFF. 12/10/99 | Griffith /Linda G | 03/18/02 | 12/31/06 | 0 | 133,204 | 0 |
| | | 6893278 | C | P069850 | AGMT EFF. 12/10/99 | Thomas /Edwin L | 04/12/02 | 11/30/02 | 0 | 3,728 | 0 |
| | | 6893542 | C | P066000 | AGMT EFF. 12/10/99 | Jensen /Klavs F | 06/25/02 | 12/31/02 | 0 | 12,413 | 0 |
| | | 6894183 | C | P064000 | AGMT EFF. 12/10/99 | Dresselhaus /Mildred S | 01/01/00 | 12/31/05 | 0 | 327,438 | 0 |
| | | 6894224 | C | P069850 | AGMT EFF. 12/10/99 | Thomas /Edwin L | 10/28/02 | 06/30/03 | 0 | 3,483 | 0 |
| | | 6894432 | C | P062000 | AGMT EFF. 12/10/99 | Langer /Robert S | 02/01/03 | 12/31/05 | 0 | 668,084 | (0) |
| | | 6894465 | C | P062000 | AGMT EFF. 12/10/99 | Jensen /Klavs F | 01/30/03 | 05/25/05 | 0 | 53,501 | 0 |
| | | 6894485 | C | P062000 | AGMT EFF. 12/10/99 | Hatton /Trevor Alan | 03/01/03 | 12/31/05 | 0 | 480,000 | (0) |
| | | 6894578 | C | P062000 | AGMT EFF. 12/10/99 | Langer /Robert S | 03/03/03 | 12/31/06 | 0 | 1,520,663 | (0) |
| | | 6894670 | C | P267600 | AGMT EFF. 12/10/99 | Smith /Henry I | 04/03/03 | 12/31/05 | 0 | 140,987 | 0 |
| | | 6894795 | C | P267600 | AGMT EFF. 12/10/99 | Ram /Rajeev J | 09/01/00 | 12/31/03 | 0 | 8,051 | 0 |
| | | 6894796 | C | P267600 | AGMT EFF. 12/10/99 | Ram /Rajeev J | 09/01/00 | 03/31/05 | 0 | 11,067 | 0 |
| | | 6894922 | C | P150000 | AGMT EFF. 12/10/99 | Frankel /Felice | 05/15/03 | 11/15/04 | 0 | 180,023 | 0 |
| | | 6894999 | C | P066000 | AGMT EFF. 12/10/99 | Ceder /Gerbrand | 07/01/03 | 05/31/06 | 0 | 482,623 | (0) |
| | | 6895450 | C | P067952 | AGMT EFF. 12/10/99 | Tidor /Bruce | 09/01/03 | 05/31/07 | 0 | 48,967 | (0) |
| | | 6895581 | C | P067952 | AGMT EFF. 12/10/99 | Tidor /Bruce | 10/01/03 | 12/31/06 | 0 | 346,065 | 0 |
| | | 6895582 | C | P067952 | AGMT EFF. 12/10/99 | Klibanov /Alexander M | 10/01/03 | 12/31/06 | 0 | 375,143 | (0) |
| | | 6895583 | C | P067952 | AGMT EFF. 12/10/99 | Wittrup /Karl Dane | 10/01/03 | 05/31/07 | 0 | 461,720 | 0 |
| | | 6895651 | C | P122000 | AGMT EFF. 12/10/99 | Murray /Fiona E | 10/20/03 | 08/31/04 | 0 | 92,012 | 0 |
| | | 6895775 | C | P062000 | AGMT EFF. 12/10/99 | Trout /Bernhardt L | 08/01/03 | 12/31/05 | 0 | 185,622 | 0 |
| | | 6895903 | C | P151000 | AGMT EFF. 12/10/99 | Lindquist /Susan | 01/01/04 | 12/31/06 | 0 | 1,889,951 | 0 |
| | | 6895912 | C | P066000 | AGMT EFF. 12/10/99 | Irvine /Darrell J | 01/01/04 | 02/28/06 | 0 | 269,916 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6896011 | C | P066000 | AGMT EFF. 12/10/99 | Rubner /Michael F | 01/01/04 | 12/31/05 | 0 | 214,069 | (0) |
| | | 6896031 | C | P151031 | AGMT EFF. 12/10/99 | Sinskey /Anthony J | 06/01/04 | 12/31/05 | 0 | 642,621 | 0 |
| | | 6896046 | C | P066000 | AGMT EFF. 12/10/99 | Rubner /Michael F | 01/01/04 | 12/31/06 | 0 | 318,000 | (0) |
| | | 6896048 | C | P062000 | AGMT EFF. 12/10/99 | Gleason /Karen K | 06/01/04 | 12/31/06 | 0 | 393,950 | (0) |
| | | 6896049 | C | P062000 | AGMT EFF. 12/10/99 | Stephanopoulos /Gregory | 05/01/04 | 11/14/06 | 0 | 1,390,408 | (0) |
| | | 6896187 | C | P062000 | AGMT EFF. 12/10/99 | Gleason /Karen K | 04/01/04 | 12/31/05 | 0 | 13,167 | 0 |
| | | 6896515 | C | P161000 | AGMT EFF. 12/10/99 | Edelman /Elazer R | 06/01/04 | 10/24/06 | 0 | 2,090,299 | 0 |
| | | 6896516 | C | P062000 | AGMT EFF. 12/10/99 | Tester /Jefferson W | 06/01/04 | 10/31/09 | 0 | 302,036 | 0 |
| | | 6896868 | C | P062000 | AGMT EFF. 12/10/99 | Tester /Jefferson W | 09/01/04 | 12/31/07 | 0 | 66,734 | 0 |
| | | 6898231 | C | P401511 | AGMT EFF. 12/10/99 | DeLong /Edward Francis | 07/01/05 | 12/31/08 | 0 | 627,349 | (0) |
| | | 6898232 | C | P062000 | AGMT EFF. 1/1/05 | Hammond /Paula T | 07/01/05 | 12/31/07 | 0 | 415,082 | 0 |
| | | 6898233 | C | P267110 | AGMT EFF. 12/10/99 | Han /Jongyoon | 07/01/05 | 07/31/07 | 0 | 200,000 | (0) |
| | | 6898234 | C | P062000 | AGMT EFF. 12/10/99 | Rutledge /Gregory C | 07/01/05 | 04/30/09 | 0 | 286,484 | (0) |
| | | 6898235 | C | P062000 | AGMT EFF. 12/10/99 | Rutledge /Gregory C | 07/01/05 | 12/31/08 | 0 | 763,432 | 0 |
| | | 6898236 | C | P065002 | AGMT EFF. 1/1/05 | Shao-Horn /Yang | 07/01/05 | 06/30/08 | 0 | 496,925 | 0 |
| | | 6898237 | C | P066000 | AGMT EFF. 12/10/99 | Van Vliet /Krystyn J | 07/01/05 | 06/30/08 | 0 | 457,000 | (0) |
| | | 6898238 | C | P065002 | AGMT EFF. 12/10/99 | Boyce /Mary Cunningham | 07/01/05 | 12/31/08 | 0 | 809,034 | 0 |
| | | 6898257 | C | P065002 | AGMT EFF. 12/10/99 | Barbastathis /George | 07/01/05 | 05/31/08 | 0 | 208,668 | (0) |
| | | 6898258 | C | P062000 | AGMT EFF. 12/10/99 | Doyle /Patrick S | 07/01/05 | 07/31/07 | 0 | 175,000 | (0) |
| | | 6898333 | C | P152000 | AGMT EFF. 12/10/99 | Swager /Timothy M | 07/01/05 | 12/31/06 | 0 | 224,017 | (0) |
| | | 6898454 | C | P065002 | AGMT EFF. 12/10/99 | Shao-Horn /Yang | 08/26/05 | 07/31/06 | 0 | 31,177 | 0 |
| | | 6898579 | C | P267200 | AGMT EFF. 1/1/05 | Baldo /Marc A | 09/01/05 | 11/21/08 | 0 | 470,000 | (0) |
| | | 6898642 | C | P062000 | AGMT EFF. 1/5/05 | Hatton /Trevor Alan | 07/01/05 | 12/31/08 | 0 | 825,000 | (0) |
| | | 6898756 | C | P062000 | AGMT. EFF. 1/1/05 | Shao-Horn /Yang | 07/01/05 | 12/31/07 | 0 | 145,257 | (0) |
| | | 6899014 | C | P062000 | AGMT EFF. 1/1/05 | Barton /Paul I | 01/01/06 | 12/31/08 | 0 | 428,346 | (0) |
| | | 6899015 | C | P062000 | AGMT EFF. 1/1/05 | Blankschtein /Edmundo D | 01/01/06 | 12/31/11 | 0 | 1,338,749 | (0) |
| | | 6899016 | C | P062000 | AGMT EFF. 1/1/05 | Trout /Bernhardt L | 01/01/06 | 12/31/07 | 0 | 289,056 | 0 |
| | | 6899246 | C | P062000 | AGMT EFF. 12/10/99 | Gleason /Karen K | 02/17/06 | 12/31/06 | 0 | 24,297 | 0 |
| | | 6899466 | C | P069850 | AGMT EFF. 1/1/05 | Sadoway /Donald Robert | 04/01/06 | 12/31/08 | 0 | 375,114 | 0 |
| | | 6899832 | C | P161000 | AGMT EFF. 12/10/99 | Edelman /Elazer R | 07/01/06 | 12/31/09 | 0 | 2,055,821 | (0) |
| | | 6914301 | C | P062000 | AGMT. EFF. 1/1/05 | Shao-Horn /Yang | 07/01/05 | 10/31/06 | 0 | 7,161 | 0 |
| | | 6915330 | C | P067952 | AGMT EFF. 1/1/05 | Tidor /Bruce | 09/01/07 | 12/31/11 | 0 | 429,300 | (0) |
| | | 6915331 | C | P062000 | AGMT EFF. 1/1/05 | Rutledge /Gregory C | 09/01/07 | 11/30/11 | 0 | 417,139 | (0) |
| | | 6915332 | C | P062000 | AGMT EFF. 1/1/05 | Hatton /Trevor Alan | 09/01/07 | 03/31/11 | 0 | 937,497 | 0 |
| | | 6915333 | C | P066000 | AGMT EFF. 1/1/05 | Ceder /Gerbrand | 09/01/07 | 04/30/11 | 0 | 943,153 | (0) |
| | | 6915334 | C | P066000 | AGMT EFF. 1/1/05 | Stellacci /Francesco | 09/01/07 | 12/31/10 | 0 | 617,140 | 0 |
| | | 6916471 | C | P066000 | AGMT EFF. 1/1/05 | Kong /Jing | 09/01/07 | 08/20/09 | 0 | 90,800 | (0) |
| | | 6916472 | C | P066000 | AGMT EFF. 1/1/05 | Van Vliet /Krystyn J | 09/01/07 | 12/31/10 | 0 | 153,647 | (0) |
| | | 6918429 | C | P062000 | AGMT EFF. 12/10/99 | Langer /Robert S | 09/01/08 | 12/31/09 | 0 | 477,671 | 0 |
| | | 6918430 | C | P062000 | AGMT EFF. 12/10/99 | Strano /Michael S. | 09/01/08 | 11/03/11 | 0 | 322,000 | (0) |
| | | 6919293 | C | P031000 | AGMT EFF. 12/10/99 | Glicksman /Leon R | 01/01/09 | 12/31/14 | 0 | 706,697 | 0 |
| | | 6919323 | C | P066000 | AGMT EFF. 12/10/99 | Stellacci /Francesco | 03/01/09 | 11/30/10 | (50,147) | 189,224 | 0 |
| | | 6919946 | C | P062000 | AGMT EFF. 12/10/99 | Langer /Robert S | 07/01/08 | 12/31/09 | 0 | 72,032 | 0 |
| | | 6921327 | C | P066000 | AGMT EFF. 12/10/99 | Van Vliet /Krystyn J | 01/01/10 | 02/29/12 | 0 | 375,000 | 0 |
| | | 6921442 | C | P062000 | AGMT EFF. 12/10/99 | Maheshri /Narendra | 09/01/09 | 03/31/12 | 0 | 197,890 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6921443 | C | P152000 | AGMT EFF. 12/10/99 | Movassaghi /Mohammad | 02/22/10 | 12/31/11 | 0 | 271,800 | (0) |
| | | 6921590 | C | P267600 | AGMT EFF. 12/10/99 | Berggren /Karl K | 03/15/10 | 12/31/11 | 0 | 80,419 | (0) |
| | | 6921870 | C | P069700 | AGMT EFF. 12/10/99 | Varanasi /Kripa | 07/01/10 | 12/31/12 | 0 | 459,496 | (0) |
| | | 6922554 | C | P062000 | AGMT EFF. 12/10/99 | Roman /Yuriy | 08/01/10 | 12/31/12 | 0 | 355,250 | (0) |
| | | 6923250 | C | P152000 | AGMT EFF. 12/10/99 | Bawendi /Moungi G | 01/01/11 | 12/31/11 | 0 | 125,000 | 0 |
| | | 6923251 | C | P065007 | AGMT EFF. 12/10/99 | McKinley /Gareth H | 01/01/11 | 07/31/13 | 0 | 250,000 | 0 |
| | | 6925428 | C | P065004 | AGMT EFF. 12/10/99 | Buie /Cullen | 01/01/11 | 09/30/14 | 0 | 269,141 | (0) |
| | | 6926131 | C | P066000 | AGMT EFF. 1/1/12 | Ceder /Gerbrand | 08/01/12 | 07/31/14 | 0 | 330,000 | (0) |
| | | 6930846 | C | P267500 | PROGRAM AGREEMENT DTD. 12/18/ | Berggren /Karl K | 12/01/14 | 11/30/16 | 0 | 439,849 | (0) |
| | | 6930847 | C | P152000 | PROGRAM AGREEMENT DRD. 12/17/ | Johnson /Jeremiah A. | 10/01/14 | 09/30/17 | 0 | 296,783 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(50,147)** | **51,799,878** | **(0)** |
| 002730 Electric Power Research Institute, Inc. | 002730 Electric Power Research Institute, Inc. | 6944132 | C | P159400 | AGMT #: 10012709 | Morris /Jennifer Faye | 09/21/20 | 10/31/21 | 858 | 74,931 | 0 |
| | | 6946428 | C | P068000 | 10014261 | Shirvan /Koroush | 09/30/21 | 08/31/22 | 40,969 | 40,000 | (969) |
| | **Total by Primary Sponsor** | | | | | | | | **41,827** | **114,931** | **(969)** |
| 002735 East Japan Railway Company | 002735 East Japan Rail | 6939738 | C | P061093 | SRA DTD. JULY 1, 2018 | de Weck /Olivier L | 07/01/18 | 12/31/21 | 15,940 | 780,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **15,940** | **780,000** | **(0)** |
| 002756 Enel Produzione S.p.A. | 002756 Enel Produzione | 6918397 | C | P320000 | ENEL MITEI SUSTAINING MEMBER A | Grossman /Jeffrey C. | 09/01/10 | 10/31/11 | 0 | 150,003 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,003** | **(0)** |
| 002778 Ethicon, Incorporated | 002778 Ethicon, Incorpc | 6946741 | C | P061901 | PO# 994428818 | Edelman /Elazer R | 12/13/21 | 12/12/24 | 57,525 | 273,065 | 215,540 |
| | **Total by Primary Sponsor** | | | | | | | | **57,525** | **273,065** | **215,540** |
| 002802 Ericsson | 002802 Ericsson | 6944550 | C | P268001 | PO 9400810047 | Palacios /Tomas | 01/01/21 | 12/31/22 | 205,633 | 410,000 | 147,427 |
| | | 6944611 | C | P417500 | RPP DATED 12/15/2020 | Rupp /Jennifer Lilia Marguerit | 12/15/20 | 12/14/22 | 0 | 41,707 | 41,707 |
| | | 6944663 | C | P417500 | RPP DATED 12/15/2020 | Rupp /Jennifer Lilia Marguerit | 12/15/20 | 12/14/22 | 205,231 | 448,682 | 110,178 |
| | | 6944664 | C | P417500 | RPP DATED 12/15/2020 | Bazant /Martin Z | 12/15/20 | 12/14/22 | 115,468 | 227,201 | 83,011 |
| | | 6944665 | C | P417500 | RPP DATED 12/15/2020 | Sze /Vivienne | 12/15/20 | 12/14/22 | 119,195 | 181,203 | 61,629 |
| | | 6944666 | C | P417500 | RPP DATED 12/15/2020 | del Alamo /Jesus A | 12/15/20 | 12/14/22 | 107,897 | 181,203 | 28,093 |
| | | 6944989 | C | P268001 | RPP DATED 1/1/2021 | Chandrakasan /Anantha P | 01/01/21 | 12/31/22 | 160,611 | 250,000 | 81,377 |
| | **Total by Primary Sponsor** | | | | | | | | **914,035** | **1,739,996** | **553,421** |
| 002817 Fidelity Investments | 002817 Fidelity Investm | 6939539 | C | P121012 | 10018958/PO33597 | Simester /Duncan | 09/15/18 | 09/14/22 | 81,644 | 532,562 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **81,644** | **532,562** | **0** |
| 002848 Bristol Myers SQUIBB | 002848 Bristol Myers SC | 6940079 | C | P152000 | SRA DTD 12/14/2018 | Buchwald /Stephen Leffler | 01/01/19 | 09/30/21 | 27,929 | 575,000 | (12,807) |
| | **Total by Primary Sponsor** | | | | | | | | **27,929** | **575,000** | **(12,807)** |
| 002850 Ford Motor Company | 002850 Ford Motor Company | 6917065 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/08 | 12/31/24 | 0 | 0 | 0 |
| | | 6917066 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Kaelbling /Leslie P | 01/01/08 | 12/31/10 | 0 | 373,150 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6917067 | C | P320000 | FORD-MIT ALLIANCE AGREEMENT J | Sterman /John | 01/01/08 | 08/31/09 | 0 | 125,000 | (0) |
| | | 6917068 | C | P066000 | FORD-MIT ALLIANCE AGREEMENT J | Ceder /Gerbrand | 01/01/08 | 01/31/10 | 0 | 171,288 | 0 |
| | | 6917069 | C | P320000 | FORD-MIT ALLIANCE AGREEMENT J | Heywood /John B | 02/01/08 | 03/31/08 | 0 | 39,914 | 0 |
| | | 6917070 | C | P065002 | FORD-MIT ALLIANCE AGREEMENT J | Heywood /John B | 04/01/08 | 03/31/10 | 0 | 422,877 | 0 |
| | | 6917071 | C | P065002 | FORD-MIT ALLIANCE AGREEMENT J | Cheng /Wai K | 04/01/08 | 08/31/10 | 0 | 336,750 | 0 |
| | | 6917072 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Leonard /John J | 04/01/08 | 05/31/11 | 0 | 352,336 | 0 |
| | | 6917073 | C | P320000 | FORD-MIT ALLIANCE AGREEMENT J | Herzog /Howard J | 07/01/08 | 12/31/09 | 0 | 13,963 | 0 |
| | | 6917074 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Williams /John R | 05/01/09 | 07/31/11 | 0 | 147,872 | 0 |
| | | 6917075 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Balakrishnan /Hari | 05/01/09 | 08/31/13 | 0 | 376,559 | 0 |
| | | 6917076 | C | P066000 | FORD-MIT ALLIANCE AGREEMENT J | Ceder /Gerbrand | 10/01/10 | 08/31/12 | 0 | 278,765 | (0) |
| | | 6917077 | C | P069850 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 06/01/10 | 08/30/12 | 0 | 264,823 | 0 |
| | | 6917078 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Rudin /Cynthia | 06/01/10 | 08/31/11 | 0 | 106,013 | 0 |
| | | 6917079 | C | P068700 | FORD-MIT ALLIANCE AGREEMENT J | Shah /Devavrat | 07/01/10 | 08/31/13 | 0 | 150,000 | 0 |
| | | 6917080 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Shao-Horn /Yang | 10/01/10 | 05/31/12 | 0 | 261,878 | (0) |
| | | 6917081 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Fisher /John W | 04/01/11 | 12/31/14 | 0 | 295,455 | (0) |
| | | 6917082 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Miller /Robert C | 04/01/11 | 09/30/13 | 0 | 300,461 | (0) |
| | | 6917083 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Leonard /John J | 04/01/11 | 12/31/14 | 0 | 133,396 | (0) |
| | | 6917084 | C | P065007 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 04/01/11 | 12/31/13 | 0 | 296,438 | 0 |
| | | 6917085 | C | P069400 | FORD-MIT ALLIANCE AGREEMENT J | de Neufville /Richard L | 04/01/11 | 06/30/12 | 0 | 116,157 | (0) |
| | | 6917086 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Barnhart /Cynthia | 01/02/12 | 06/30/14 | 0 | 290,827 | 0 |
| | | 6917087 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Bertsimas /Dimitris J | 01/02/12 | 12/31/14 | 0 | 293,419 | (0) |
| | | 6917088 | C | P065006 | FORD-MIT ALLIANCE AGREEMENT J | Cheng /Wai K | 01/02/12 | 12/31/13 | 0 | 293,997 | (0) |
| | | 6917089 | C | P069850 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 01/02/12 | 12/31/13 | 0 | 280,828 | (0) |
| | | 6917090 | C | P122070 | FORD-MIT ALLIANCE AGREEMENT J | Knittel /Christopher Roland | 01/02/12 | 12/31/15 | 0 | 291,199 | 0 |
| | | 6921549 | C | P069500 | FORD-MIT ALLIANCE AGREEMENT J | Coughlin /Joseph F | 12/01/09 | 06/30/10 | 0 | 120,000 | (0) |
| | | 6922645 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Farias /Vivek F. | 07/01/10 | 08/31/13 | 0 | 150,000 | (0) |
| | | 6924151 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Fisher /John W | 04/01/11 | 08/31/13 | 0 | 49,545 | 0 |
| | | 6924402 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Glass /James R | 04/01/11 | 08/31/13 | 0 | 91,604 | (0) |
| | | 6925241 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Rudin /Cynthia | 01/02/12 | 08/31/14 | 0 | 292,780 | (0) |
| | | 6925242 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Simchi-Levi /David | 01/02/12 | 05/31/14 | 0 | 281,329 | (0) |
| | | 6925243 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Kaelbling /Leslie P | 01/02/12 | 03/31/14 | 0 | 299,863 | 0 |
| | | 6925244 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Wierzbicki /Tomasz | 01/02/12 | 01/01/14 | 0 | 287,011 | (0) |
| | | 6925245 | C | P066000 | FORD-MIT ALLIANCE AGREEMENT J | Ceder /Gerbrand | 06/01/10 | 08/31/12 | 0 | 21,790 | (0) |
| | | 6925246 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Shao-Horn /Yang | 06/01/10 | 05/31/12 | 0 | 38,129 | 0 |
| | | 6925247 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 11/01/12 | 05/31/15 | 0 | 299,775 | 0 |
| | | 6925249 | C | P122170 | FORD-MIT ALLIANCE AGREEMENT J | Brynjolfsson /Erik | 01/01/13 | 12/31/13 | 0 | 152,195 | 0 |
| | | 6925250 | C | P121400 | FORD-MIT ALLIANCE AGREEMENT J | von Hippel /Eric A | 01/01/13 | 12/31/13 | 0 | 0 | 0 |
| | | 6925251 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | Leveson /Nancy G | 01/01/13 | 12/31/15 | 0 | 397,792 | 0 |
| | | 6925253 | C | P069850 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 01/01/13 | 12/31/14 | 0 | 304,706 | 0 |
| | | 6925254 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wong /Victor W | 01/01/13 | 12/31/14 | 0 | 299,391 | 0 |
| | | 6925255 | C | P065006 | FORD-MIT ALLIANCE AGREEMENT J | Cheng /Wai K | 01/01/13 | 12/31/13 | 0 | 140,890 | (0) |
| | | 6925256 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Rudin /Cynthia | 01/01/13 | 05/31/16 | 0 | 239,001 | 0 |
| | | 6925258 | C | P030001 | FORD-MIT ALLIANCE AGREEMENT J | Larson /Kent | 06/01/13 | 05/31/15 | 0 | 200,000 | (0) |
| | | 6925259 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Barnhart /Cynthia | 06/01/13 | 03/31/14 | 0 | 0 | 0 |
| | | 6925260 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Gonzalez /Marta C. | 07/01/13 | 06/30/16 | 0 | 299,980 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928249 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Abelson /Harold | 07/01/13 | 12/31/14 | 0 | 99,594 | 0 |
| | | 6928261 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 09/01/13 | 12/31/24 | 60,000 | 979,764 | 171,270 |
| | | 6928263 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 09/01/13 | 12/31/15 | 0 | 300,000 | (0) |
| | | 6928264 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Ben-Akiva /Moshe E | 01/01/14 | 08/31/17 | 0 | 297,978 | 0 |
| | | 6929105 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Osorio Pizano /Carolina | 01/01/14 | 09/30/16 | 0 | 308,697 | 0 |
| | | 6929726 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wierzbicki /Tomasz | 01/01/14 | 12/31/15 | 0 | 298,250 | (0) |
| | | 6929727 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Reis /Pedro Miguel | 01/01/14 | 08/31/16 | 0 | 300,000 | (0) |
| | | 6929728 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Glass /James R | 01/01/14 | 12/31/16 | 0 | 298,443 | 0 |
| | | 6930032 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/08 | 12/31/24 | 0 | 177,003 | 177,003 |
| | | 6930232 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 07/01/14 | 12/31/16 | 0 | 400,000 | 0 |
| | | 6930728 | C | P065003 | FORD-MIT ALLIANCE AGREEMENT J | Youcef-Toumi /Kamal | 09/01/14 | 05/31/17 | 0 | 249,969 | 0 |
| | | 6931433 | C | P061097 | FORD-MIT ALLIANCE AGREEMENT J | Oman /Charles M | 01/01/15 | 12/31/17 | 0 | 314,224 | (0) |
| | | 6931655 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wong /Victor W | 01/01/15 | 11/30/16 | 0 | 252,274 | (0) |
| | | 6931656 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/15 | 12/31/17 | 0 | 298,032 | (0) |
| | | 6931657 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Simchi-Levi /David | 01/01/15 | 08/31/17 | 0 | 299,211 | 0 |
| | | 6931849 | C | P069400 | FORD-MIT ALLIANCE AGREEMENT J | Trancik /Jessika | 01/01/15 | 09/30/17 | 0 | 299,524 | (0) |
| | | 6933340 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/16 | 12/31/18 | 0 | 349,595 | (0) |
| | | 6933341 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Osorio Pizano /Carolina | 01/01/16 | 12/31/18 | 0 | 341,464 | 0 |
| | | 6933342 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 01/01/16 | 12/31/18 | 0 | 300,000 | (0) |
| | | 6933729 | C | P121012 | FORD-MIT ALLIANCE AGREEMENT J | Graves /Stephen C | 07/01/16 | 12/31/18 | 0 | 232,497 | 0 |
| | | 6933730 | C | P152000 | FORD-MIT ALLIANCE AGREEMENT J | Dinca /Mircea | 06/01/16 | 12/31/18 | 0 | 200,000 | (0) |
| | | 6933731 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | Leveson /Nancy G | 01/01/16 | 12/31/18 | 0 | 284,352 | (0) |
| | | 6933865 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Wierzbicki /Tomasz | 05/01/16 | 09/30/16 | 0 | 17,205 | (0) |
| | | 6933866 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Wierzbicki /Tomasz | 01/01/16 | 12/31/18 | 0 | 299,900 | 0 |
| | | 6933867 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | McKinley /Gareth H | 01/01/16 | 12/31/18 | 0 | 254,814 | (0) |
| | | 6933868 | C | P069400 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 01/01/16 | 12/31/18 | 0 | 294,933 | 0 |
| | | 6934344 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Simchi-Levi /David | 06/20/16 | 12/31/18 | 0 | 189,271 | 0 |
| | | 6935542 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/18 | 12/31/22 | 0 | 28,228 | 28,228 |
| | | 6935543 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/18 | 12/31/21 | 69,197 | 299,957 | (0) |
| | | 6935714 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/17 | 12/31/22 | 0 | 0 | 0 |
| | | 6935715 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | Hansman /Robert J | 01/01/17 | 12/31/18 | 0 | 92,217 | 0 |
| | | 6935790 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Williams /John R | 01/01/17 | 12/31/19 | 0 | 290,820 | 0 |
| | | 6935791 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Glass /James R | 01/01/17 | 01/31/19 | 0 | 299,442 | (0) |
| | | 6935792 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/18 | 06/30/21 | 0 | 288,765 | 0 |
| | | 6935793 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Sarma /Sanjay E | 01/01/17 | 09/18/19 | 0 | 300,000 | (0) |
| | | 6935794 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Wierzbicki /Tomasz | 01/01/17 | 12/31/19 | 0 | 299,982 | 0 |
| | | 6935936 | C | P069400 | FORD-MIT ALLIANCE AGREEMENT J | Ashford /Nicholas A | 01/01/17 | 04/30/18 | 0 | 75,054 | (0) |
| | | 6936563 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | McKinley /Gareth H | 01/01/16 | 12/31/18 | 0 | 5,599 | 0 |
| | | 6936622 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 06/01/17 | 12/31/19 | 0 | 294,712 | (0) |
| | | 6936623 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Hart /Anastasios John | 06/01/17 | 12/31/20 | 0 | 263,962 | 0 |
| | | 6936624 | C | P062000 | FORD-MIT ALLIANCE AGREEMENT J | Roman /Yuriy | 06/01/17 | 06/30/18 | 0 | 50,504 | 0 |
| | | 6936625 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wang /Evelyn | 06/01/17 | 12/31/18 | 0 | 120,000 | 0 |
| | | 6936626 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Sarma /Sanjay E | 04/01/17 | 12/31/19 | 0 | 300,000 | 0 |
| | | 6938191 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/18 | 12/31/20 | 0 | 276,305 | (0) |
| | | 6938192 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/19 | 05/31/22 | 167,043 | 300,000 | 668 |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938193 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | Hansman /Robert J | 01/01/18 | 12/31/20 | 0 | 244,008 | (0) |
| | | 6938194 | C | P152000 | FORD-MIT ALLIANCE AGREEMENT J | Dinca /Mircea | 06/01/18 | 05/31/20 | 0 | 403,067 | 0 |
| | | 6938196 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Matusik /Wojciech | 01/01/18 | 12/31/19 | 0 | 299,768 | (0) |
| | | 6938197 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 01/01/18 | 12/31/20 | 0 | 299,186 | 0 |
| | | 6938198 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | McKinley /Gareth H | 01/01/18 | 12/31/21 | 5,042 | 258,614 | (2,688) |
| | | 6938199 | C | P069850 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 01/01/18 | 12/31/20 | 0 | 303,860 | (0) |
| | | 6938200 | C | P068000 | FORD-MIT ALLIANCE AGREEMENT J | Yildiz /Bilge | 01/01/18 | 12/31/20 | 0 | 299,967 | (0) |
| | | 6940294 | C | P039010 | AGREEMENT DATED 2/8/19 | Ishii /Hiroshi | 10/01/18 | 09/30/21 | 0 | 194,987 | (0) |
| | | 6940299 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/19 | 12/31/24 | 0 | 155 | 155 |
| | | 6940332 | C | P267500 | FORD-MIT ALLIANCE AGREEMENT J | Lang /Jeffrey H | 01/01/19 | 06/30/22 | 17,390 | 300,000 | (10,781) |
| | | 6940676 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Mueller /Stefanie | 04/01/19 | 03/31/21 | (57,237) | 281,435 | 0 |
| | | 6940713 | C | P035000 | FORD-MIT ALLIANCE AGREEMENT J | Ratti /Carlo | 05/01/19 | 04/30/20 | 0 | 0 | 0 |
| | | 6941032 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 06/01/19 | 12/31/20 | 0 | 148,307 | 0 |
| | | 6941090 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | Leveson /Nancy G | 07/01/19 | 03/31/22 | 58,083 | 299,935 | 0 |
| | | 6941308 | C | P035000 | FORD-MIT ALLIANCE AGREEMENT J | Ratti /Carlo | 05/01/19 | 10/29/21 | 36,503 | 280,273 | (0) |
| | | 6941380 | C | P068700 | FORD-MIT ALLIANCE AGREEMENT J | Carlone /Luca | 09/01/19 | 05/31/23 | 156,872 | 374,998 | (6,243) |
| | | 6941676 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wang /Evelyn | 09/01/19 | 08/31/21 | 1,801 | 214,645 | (0) |
| | | 6942600 | C | P061093 | FORD-MIT ALLIANCE AGREEMENT J | de Weck /Olivier L | 02/01/20 | 01/31/22 | 83,120 | 300,000 | 0 |
| | | 6942604 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 03/01/20 | 02/28/23 | 96,779 | 300,000 | 195,008 |
| | | 6942880 | C | P067952 | FORD-MIT ALLIANCE AGREEMENT J | Edelman /Alan | 03/01/20 | 12/31/22 | 190,919 | 300,000 | 0 |
| | | 6942881 | C | P035000 | FORD-MIT ALLIANCE AGREEMENT J | Ratti /Carlo | 03/01/20 | 10/29/21 | 2,702 | 19,968 | 0 |
| | | 6943162 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Ben-Akiva /Moshe E | 09/01/20 | 08/31/22 | 168,260 | 300,000 | 30,033 |
| | | 6943327 | C | P039010 | AGREEMENT DATED FEB 28, 2020 | Ishii /Hiroshi | 01/02/20 | 05/31/23 | 37,667 | 175,909 | 45,595 |
| | | 6944900 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Wang /Evelyn | 02/01/21 | 08/31/21 | 15,529 | 25,321 | 0 |
| | | 6944972 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/21 | 12/31/24 | 0 | 149 | 149 |
| | | 6945158 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Sarma /Sanjay E | 04/12/21 | 10/11/22 | 86,512 | 146,327 | 38,872 |
| | | 6945536 | C | P061097 | FORD-MIT ALLIANCE AGREEMENT J | Fan /Chuchu | 06/01/21 | 09/30/21 | 25,014 | 29,851 | 0 |
| | | 6945547 | C | P069400 | FORD-MIT ALLIANCE AGREEMENT J | Rhodes /Donna H | 06/01/21 | 12/31/22 | 173,077 | 299,993 | 126,916 |
| | | 6945636 | C | P065004 | FORD-MIT ALLIANCE AGREEMENT J | Annaswamy /Anuradha M | 06/01/21 | 12/31/22 | 104,699 | 299,890 | 195,191 |
| | | 6945734 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 07/01/21 | 12/31/22 | 42,698 | 301,944 | 259,246 |
| | | 6946138 | C | P417500 | FORD-MIT ALLIANCE AGREEMENT J | Kirchain /Randolph E | 09/01/21 | 12/31/22 | 89,774 | 249,540 | 159,766 |
| | | 6946157 | C | P268001 | FORD-MIT ALLIANCE AGREEMENT J | Han /Song | 09/01/21 | 12/31/22 | 121,681 | 305,483 | 183,802 |
| | | 6946926 | C | P061090 | FORD-MIT ALLIANCE AGREEMENT J | How /Jonathan P | 01/01/22 | 12/31/24 | 0 | 1,065,777 | 1,065,777 |
| | | 6947567 | C | P063007 | FORD-MIT ALLIANCE AGREEMENT J | Simchi-Levi /David | 04/01/22 | 03/31/24 | 36,894 | 331,513 | 294,619 |
| | | 6947698 | C | P065005 | FORD-MIT ALLIANCE AGREEMENT J | Sarma /Sanjay E | 10/12/22 | 10/11/23 | 0 | 146,327 | 146,327 |
| | **Total by Primary Sponsor** | | | | | | | | **1,790,021** | **30,302,886** | **3,098,915** |
| 002940 General Electric Company | 002940 General Electric Company | 6935056 | C | P320000 | AGREEMENT EFF. 08/15/2016/ PO 73 | Armstrong /Robert C | 08/15/16 | 06/30/22 | 0 | 968 | 968 |
| | | 6937659 | C | P320107 | AGREEMENT EFF. 08/15/2016/ PO 73 | Stoner /Robert | 09/25/17 | 06/30/18 | 0 | 99,999 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,966** | **968** |
| 002998 The Gillette Company LLC | 002998 The Gillette Cor | 6938225 | C | P069850 | PO #8000583853 | Tasan /Cemal | 03/01/18 | 03/31/20 | (8,172) | 233,375 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(8,172)** | **233,375** | **0** |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 003002 National University of Singapore | 003002 National Univers | 6947233 | C | P067952 | AGMT DTD 3/28/22 | Lozano-Perez /Tomas | 04/01/22 | 03/31/25 | 0 | 405,280 | 405,280 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **405,280** | **405,280** |
| 003035 W.L. Gore and Associates | 003035 W.L. Gore and / | 6939237 | C | P069201 | AGREEMENT DTD 7/31/18 | Kamm /Roger Dale | 07/31/18 | 09/30/21 | (450) | 150,707 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(450)** | **150,707** | **(0)** |
| 003088 Hyundai Motor Company | 003088 Hyundai Motor Company | 6938747 | C | P039010 | AGREEMENT DATED MAY 8, 2018 | Picard /Rosalind W. | 04/01/18 | 03/31/22 | 177,067 | 540,000 | 0 |
| | | 6940503 | C | P065004 | RA DTD. 03/01/2019 | Heywood /John B | 03/01/19 | 06/30/20 | (3,475) | 235,000 | 0 |
| | | 6943893 | C | P039010 | AGREEMENT DATED 3/1/20 | Ishii /Hiroshi | 03/01/20 | 01/31/22 | 40,855 | 90,000 | (0) |
| | | 6946714 | C | P039010 | AGREEMENT DATED AUGUST 11, 20 | Ishii /Hiroshi | 08/01/21 | 06/30/23 | 40,067 | 140,000 | 99,933 |
| | 108181 Motional Ad Inc. | 6944814 | C | P068700 | AGRMT DATED 1/18/2021 | Carlone /Luca | 03/01/21 | 02/28/23 | 180,200 | 187,458 | 4,994 |
| | **Total by Primary Sponsor** | | | | | | | | **434,713** | **1,192,458** | **104,928** |
| 003141 Hamamatsu Photonics Kk | 003141 Hamamatsu Ph | 6927473 | C | P152000 | AGMT EFFECTIVE 2/1/13 | So /Peter T. C. | 02/01/13 | 01/31/23 | 0 | 950,000 | 42,973 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **950,000** | **42,973** |
| 003150 Hoffmann, Laroche, Incorporated | 003150 Hoffmann, Laro | 6938994 | C | P069201 | | Sasisekharan /Ram | 09/04/18 | 12/31/21 | 285,088 | 700,000 | 40,660 |
| | **Total by Primary Sponsor** | | | | | | | | **285,088** | **700,000** | **40,660** |
| 003174 The Hartford Financial Services Corporation | 003174 The Hartford Fir | 6931440 | C | P069501 | AGREEMENT EFFECTIVE 12/1/2014 | Coughlin /Joseph F | 01/01/15 | 12/31/22 | (1,331) | 1,650,000 | 43,663 |
| | **Total by Primary Sponsor** | | | | | | | | **(1,331)** | **1,650,000** | **43,663** |
| 003213 Iberdrola, S.A. | 003213 Iberdrola, S.A. | 6936501 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Armstrong /Robert C | 05/31/17 | 05/31/22 | 0 | 20,655 | 20,655 |
| | | 6937068 | C | P320109 | AGREEMENT EFF. 05/31/2017 | Knittel /Christopher Roland | 07/01/17 | 06/30/18 | 0 | 141,302 | (0) |
| | | 6937920 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Paltsev /Sergey | 06/01/17 | 12/31/20 | 0 | 300,000 | (0) |
| | | 6938135 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Parsons /John E | 09/01/17 | 09/30/18 | 0 | 129,330 | 0 |
| | | 6939895 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Veeramachaneni /Kalyan | 10/01/18 | 01/31/20 | 0 | 379,936 | (0) |
| | | 6941240 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Schlosser /Courtney Adam | 03/01/19 | 06/30/20 | 0 | 150,000 | 0 |
| | | 6942698 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Knittel /Christopher Roland | 01/01/20 | 06/30/23 | 80,041 | 298,353 | 48,267 |
| | | 6943000 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Veeramachaneni /Kalyan | 04/01/20 | 06/01/21 | (10,028) | 196,686 | 0 |
| | | 6943725 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Trancik /Jessika | 07/15/20 | 04/15/21 | 999 | 207,000 | 0 |
| | | 6943743 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Schlosser /Courtney Adam | 07/01/20 | 12/31/20 | 0 | 149,346 | (0) |
| | | 6944723 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Tapia-Ahumada /Karen de los Ar | 01/01/21 | 03/31/22 | 69,496 | 129,555 | (0) |
| | | 6946331 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Veeramachaneni /Kalyan | 08/01/21 | 12/01/22 | 79,564 | 270,552 | 190,987 |
| | | 6947778 | C | P320000 | AGREEMENT EFF. 05/31/2017 | Veeramachaneni /Kalyan | 04/15/22 | 10/15/22 | 0 | 137,965 | 137,965 |
| | **Total by Primary Sponsor** | | | | | | | | **220,072** | **2,510,680** | **397,875** |
| 003256 Intel Corporation | 003256 Intel Corporatio | 6119900 | C | P067952 | LETTER DATED 11/9/93 | Clark /David D | 11/01/93 | 12/31/22 | 0 | 125,000 | 4,606 |
| | | 6938810 | C | P060600 | AGREEMENT EFFECTIVE 7/1/18 | Han /Song | 07/01/18 | 06/30/21 | (154) | 300,640 | (0) |
| | | 6939374 | C | P267200 | AGMT EFF DATE 9/1/18 | Medard /Muriel | 09/01/18 | 08/31/21 | 721 | 258,201 | (0) |
| | | 6940014 | C | P154500 | | Chung /SueYeon | 01/01/19 | 12/31/22 | 0 | 150,000 | 6,397 |
| | | 6941593 | C | P067952 | AGMT. DTD. 09/01/2019 | Torralba /Antonio | 09/01/19 | 08/31/21 | 37,823 | 249,249 | (3,329) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943328 | C | P267500 | AGREEMENT DTD 05/29/2020 | Kim /Jeehwan | 07/01/20 | 06/30/23 | 256,323 | 480,000 | 204,016 |
| | | 6946149 | C | P067952 | AGMT EFF 9/1/21 | Devadas /Srinivas | 09/01/21 | 08/31/22 | 11,545 | 85,000 | 73,455 |
| | | 6946190 | C | P067952 | AGREEMENT DATED 9/1/2021 | Ragan-Kelley /Jonathan M | 09/01/21 | 08/31/22 | 5,756 | 60,000 | 54,244 |
| | | 6947087 | C | P268001 | AGRMT EFFECTIVE 03/01/2022 | Han /Ruonan | 03/01/22 | 02/28/23 | 38,302 | 110,000 | 71,698 |
| | **Total by Primary Sponsor** | | | | | | | | **350,317** | **1,818,090** | **411,087** |
| 003260 International Business Machine | 003260 International Business Machine | 6937361 | C | P060050 | AGREEMENT NO. W1771646 | Oliva /Aude | 09/01/17 | 09/01/27 | 0 | 2,815,201 | 2,815,201 |
| | | 6937491 | C | P060050 | AGREEMENT NO. W1771646 | Oliva /Aude | 09/01/17 | 09/01/22 | 993,478 | 5,058,926 | 836,685 |
| | | 6937941 | C | P060050 | AGREEMENT NO. W1771646 | Oliva /Aude | 09/01/17 | 09/01/22 | 0 | 179,984 | 179,984 |
| | | 6939132 | C | P067952 | AGREEMENT NO. W1771646 | Weitzner /Daniel J | 04/01/18 | 03/31/21 | 0 | 150,000 | 0 |
| | | 6939901 | C | P060600 | AGREEMENT NO. W1771646 | Boning /Duane S | 09/01/18 | 05/31/20 | 0 | 150,000 | (0) |
| | | 6940246 | C | P060050 | AGREEMENT NO. W1771646 | Oliva /Aude | 09/01/17 | 09/01/22 | 25,592 | 263,749 | 192,738 |
| | | 6942099 | C | P121012 | AGREEMENT NO. W1771646 | Mazumder /Rahul | 09/01/19 | 02/28/22 | 93,588 | 250,000 | 0 |
| | | 6943318 | C | P063007 | AGREEMENT NO. W1771646 | Einstein /Herbert H | 01/01/20 | 11/30/22 | 52,606 | 150,000 | 97,394 |
| | | 6943352 | C | P069400 | AGREEMENT NO. W1771646 | Springs /Stacy | 05/01/20 | 04/30/21 | 0 | 100,000 | 0 |
| | | 6943397 | C | P067952 | AGREEMENT NO. W1771646 | Rus /Daniela L | 09/01/20 | 12/31/21 | 108,111 | 100,000 | (8,111) |
| | | 6944329 | C | P067952 | AGREEMENT NO. W1771646 | Golland /Polina | 01/01/21 | 12/31/21 | 44,175 | 149,745 | 0 |
| | | 6944338 | C | P121012 | AGREEMENT NO. W1771646 | Mazumder /Rahul | 09/01/20 | 08/31/22 | 137,954 | 376,681 | 193,977 |
| | | 6944409 | C | P121012 | AGREEMENT NO. W1771646 | Perakis /Georgia | 09/01/20 | 09/01/22 | 234,963 | 376,681 | 83,355 |
| | | 6944434 | C | P121012 | AGREEMENT NO. W1771646 | Golrezaei /Negin | 09/01/20 | 08/31/22 | 105,494 | 150,000 | 39,211 |
| | | 6944451 | C | P063007 | AGREEMENT NO. W1771646 | Simchi-Levi /David | 09/01/20 | 08/31/22 | 150,808 | 250,000 | 12,059 |
| | | 6944609 | C | P121175 | AGREEMENT NO. W1771646 | Thompson /Neil | 01/01/21 | 06/30/22 | 121,721 | 200,000 | (6) |
| | | 6944614 | C | P068700 | AGREEMENT NO. W1771646 | Wu /Cathy | 09/01/20 | 08/31/21 | 11,389 | 99,933 | (0) |
| | | 6944615 | C | P268001 | AGREEMENT NO. W1771646 | Liu /Luqiao | 01/01/21 | 12/31/21 | 100,678 | 150,000 | 3,964 |
| | | 6944617 | C | P417500 | AGREEMENT NO. W1771646 | Tuller /Harry L | 09/01/20 | 01/31/22 | 35,155 | 80,295 | 0 |
| | | 6944618 | C | P121175 | AGREEMENT NO. W1771646 | Eckles /Dean Griffin | 09/01/20 | 05/31/22 | 85,421 | 150,000 | (0) |
| | | 6944627 | C | P068700 | AGREEMENT NO. W1771646 | Jaillet /Patrick | 01/01/21 | 12/31/22 | 92,282 | 150,000 | 57,718 |
| | | 6944636 | C | P154500 | AGREEMENT NO. W1771646 | McDermott /Joshua Hartman | 09/01/20 | 08/31/22 | 109,276 | 150,000 | 33,260 |
| | | 6944672 | C | P417000 | AGREEMENT NO. W1771646 | Romano /Giuseppe | 09/01/20 | 08/31/22 | 111,528 | 151,200 | 13,410 |
| | | 6944673 | C | P068700 | AGREEMENT NO. W1771646 | Jadbabaie-Moghadam /Ali | 09/01/20 | 08/31/22 | 43,625 | 150,000 | 2,415 |
| | | 6944742 | C | P067952 | AGREEMENT NO. W1771646 | Williams /Brian C | 01/01/21 | 12/31/22 | 250,644 | 350,000 | 99,356 |
| | | 6944747 | C | P417500 | AGREEMENT NO. W1771646 | Ross /Frances Mary | 09/01/20 | 01/31/22 | 5,853 | 69,380 | 0 |
| | | 6944772 | C | P121012 | AGREEMENT NO. W1771646 | Bertsimas /Dimitris J | 09/01/17 | 08/31/21 | 27,512 | 150,000 | 0 |
| | | 6944861 | C | P417000 | AGREEMENT NO. W1771646 | Radovitzky /Raul A | 09/01/20 | 08/31/22 | 24,066 | 90,800 | 12,614 |
| | | 6944898 | C | P068700 | AGREEMENT NO. W1771646 | Shah /Devavrat | 01/01/21 | 12/31/21 | 93,831 | 149,992 | 0 |
| | | 6944899 | C | P067952 | AGREEMENT NO. W1771646 | Andreas /Jacob D | 01/01/21 | 12/31/22 | 123,182 | 140,000 | 5,466 |
| | | 6944908 | C | P068700 | AGREEMENT NO. W1771646 | Megretski /Alexandre | 01/01/21 | 12/31/22 | 97,991 | 200,000 | 52,308 |
| | | 6944909 | C | P267110 | AGREEMENT NO. W1771646 | Wornell /Gregory W | 01/01/21 | 05/31/22 | 79,510 | 180,977 | 101,467 |
| | | 6944932 | C | P067952 | AGREEMENT NO. W1771646 | Solar Lezama /Armando | 09/01/20 | 08/31/23 | 166,959 | 500,000 | 158,876 |
| | | 6944973 | C | P400600 | AGREEMENT NO. W1771646 | DiCarlo /James | 09/01/20 | 12/31/21 | 88,791 | 150,000 | 0 |
| | | 6944980 | C | P069201 | AGREEMENT NO. W1771646 | Lauffenburger /Douglas A | 01/01/21 | 12/31/22 | 39,574 | 150,000 | 64,333 |
| | | 6944982 | C | P062000 | AGREEMENT NO. W1771646 | Coley /Connor Wilson | 01/01/21 | 04/30/22 | 134,599 | 150,000 | 0 |
| | | 6945010 | C | P067952 | AGREEMENT NO. W1771646 | Barzilay /Regina | 01/01/21 | 12/31/22 | 0 | 140,000 | 138,819 |
| | | 6945011 | C | P067952 | AGREEMENT NO. W1771646 | Glass /James R | 01/01/21 | 12/31/22 | 121,533 | 290,000 | 111,732 |
| | | 6945012 | C | P067952 | AGREEMENT NO. W1771646 | Jaakkola /Tommi S | 01/01/21 | 12/31/22 | 50,928 | 140,000 | 89,072 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945013 | C | P154500 | AGREEMENT NO. W1771646 | Levy /Roger P | 01/01/21 | 12/31/22 | 224,391 | 290,000 | 58,136 |
| | | 6945092 | C | P067952 | AGREEMENT NO. W1771646 | Agrawal /Pulkit | 01/01/21 | 12/31/23 | 245,326 | 546,285 | 206,890 |
| | | 6945116 | C | P067952 | AGREEMENT NO. W1771646 | Kaelbling /Leslie P | 01/01/21 | 12/31/22 | 299,568 | 400,000 | 83,268 |
| | | 6945208 | C | P066000 | AGREEMENT NO. W1771646 | Gomez-Bombarelli /Rafael | 01/01/21 | 05/31/22 | 141,433 | 150,000 | 8,567 |
| | | 6945214 | C | P267200 | AGREEMENT NO. W1771646 | Medard /Muriel | 09/01/20 | 08/31/21 | 75,019 | 100,000 | (12,770) |
| | | 6945216 | C | P067952 | AGREEMENT NO. W1771646 | Matusik /Wojciech | 01/01/21 | 06/30/22 | 115,428 | 150,000 | 10,712 |
| | | 6945359 | C | P067952 | AGREEMENT NO. W1771646 | Katabi /Dina | 01/01/21 | 12/31/22 | 17,924 | 150,000 | 132,076 |
| | | 6945748 | C | P267110 | AGREEMENT NO. W1771646 | O'Brien /Kevin | 06/01/21 | 05/31/23 | 170,870 | 200,000 | 29,130 |
| | | 6946145 | C | P067952 | AGREEMENT NO. W1771646 | Mithal /Arvind | 09/01/21 | 08/31/22 | 134,179 | 150,000 | 15,821 |
| | | 6946248 | C | P067952 | AGREEMENT NO. W1771646 | Matusik /Wojciech | 09/01/21 | 08/31/22 | 120,048 | 100,000 | (20,048) |
| | | 6946264 | C | P061097 | AGREEMENT NO. W1771646 | Fan /Chuchu | 09/01/21 | 08/31/22 | 86,884 | 100,000 | 13,116 |
| | | 6946347 | C | P417500 | AGREEMENT NO. W1771646 | Jaramillo /Rafael | 09/01/21 | 08/31/22 | 57,053 | 150,000 | 92,947 |
| | | 6946348 | C | P067952 | AGREEMENT NO. W1771646 | Torralba /Antonio | 09/01/21 | 08/31/22 | 61,327 | 250,000 | 188,673 |
| | | 6946350 | C | P068700 | AGREEMENT NO. W1771646 | Shah /Devavrat | 01/01/22 | 12/31/22 | 101,449 | 200,000 | 98,551 |
| | | 6946351 | C | P417500 | AGREEMENT NO. W1771646 | Tuller /Harry L | 09/01/21 | 08/31/22 | 105,165 | 125,000 | 19,835 |
| | | 6946400 | C | P417500 | AGREEMENT NO. W1771646 | Ross /Frances Mary | 09/01/21 | 08/31/24 | 81,966 | 125,000 | 43,034 |
| | | 6946415 | C | P069400 | AGREEMENT NO. W1771646 | Hosoi /Anette E | 09/01/21 | 08/31/22 | 91,559 | 100,000 | 8,441 |
| | | 6946434 | C | P067952 | AGREEMENT NO. W1771646 | Kim /Yoon | 09/01/21 | 08/31/22 | 150,862 | 200,000 | 49,138 |
| | | 6946495 | C | P069400 | AGREEMENT NO. W1771646 | Ghassemi /Marzyeh | 09/01/21 | 08/31/22 | 90,945 | 100,000 | 9,055 |
| | | 6946578 | C | P066000 | AGREEMENT NO. W1771646 | Olivetti /Elsa A | 09/01/21 | 08/31/22 | 38,842 | 150,000 | 111,158 |
| | | 6946612 | C | P153000 | AGREEMENT NO. W1771646 | Hill /Christopher N | 01/01/22 | 12/31/22 | 2,788 | 100,000 | 97,212 |
| | | 6946629 | C | P068700 | AGREEMENT NO. W1771646 | Uhler /Caroline | 09/01/21 | 08/31/22 | 27,943 | 100,000 | 72,057 |
| | | 6946635 | C | P067952 | AGREEMENT NO. W1771646 | Golland /Polina | 01/01/22 | 12/31/22 | 80,599 | 150,000 | 69,401 |
| | | 6946652 | C | P068700 | AGREEMENT NO. W1771646 | Jadbabaie-Moghadam /Ali | 09/01/21 | 08/31/22 | 105,867 | 100,000 | (5,867) |
| | | 6946657 | C | P067952 | AGREEMENT NO. W1771646 | Kim /Yoon | 03/01/22 | 03/01/23 | 35,895 | 150,000 | 114,105 |
| | | 6946665 | C | P067952 | AGREEMENT NO. W1771646 | Katabi /Dina | 01/01/22 | 12/31/22 | 38,250 | 134,000 | 95,750 |
| | | 6946767 | C | P068700 | AGREEMENT NO. W1771646 | Shah /Devavrat | 09/01/21 | 08/31/22 | 96,285 | 100,000 | 3,715 |
| | | 6946784 | C | P069400 | AGREEMENT NO. W1771646 | Welsch /Roy E | 01/01/22 | 12/31/22 | 19,021 | 150,000 | 130,979 |
| | | 6946795 | C | P121175 | AGREEMENT NO. W1771646 | Thompson /Neil | 01/01/22 | 12/31/22 | 53,901 | 225,000 | 171,099 |
| | | 6946799 | C | P068000 | AGREEMENT NO. W1771646 | Li /Mingda | 01/01/22 | 12/31/22 | 60,054 | 150,000 | 89,946 |
| | | 6946884 | C | P417000 | AGREEMENT NO. W1771646 | Johnson /Steven G | 09/01/21 | 08/31/22 | 59,808 | 58,000 | (1,808) |
| | | 6946887 | C | P067952 | AGREEMENT NO. W1771646 | Sontag /David Alexander | 01/01/22 | 12/31/22 | 53,660 | 150,000 | 96,340 |
| | | 6946888 | C | P067952 | AGREEMENT NO. W1771646 | Oliva /Aude | 01/01/22 | 12/31/22 | 80,258 | 150,000 | 69,742 |
| | | 6947049 | C | P065004 | AGREEMENT NO. W1771646 | Ahmed /Faez | 01/01/22 | 12/31/22 | 8,903 | 150,000 | 141,097 |
| | | 6947096 | C | P268001 | AGREEMENT NO. W1771646 | Chandrakasan /Anantha P | 02/01/22 | 01/31/23 | 61,868 | 250,000 | 188,132 |
| | | 6947258 | C | P067952 | AGREEMENT NO. W1771646 | Indyk /Piotr | 01/01/22 | 12/31/22 | 0 | 66,000 | 66,000 |
| | 103644 MIT-IBM Watson AI Lab | 6937988 | C | P061090 | AGREEMENT NO. W1771646 | How /Jonathan P | 02/01/18 | 02/28/23 | 104,766 | 680,000 | 103,314 |
| | | 6938065 | C | P267111 | AGREEMENT NO. W1771646 | Daniel /Luca | 04/01/18 | 06/30/20 | 0 | 162,000 | (0) |
| | | 6938150 | C | P068700 | AGREEMENT NO. W1771646 | Polyanskiy /Yury | 07/01/18 | 06/30/20 | 0 | 149,008 | 0 |
| | | 6938204 | C | P066000 | AGREEMENT NO. W1771646 | Gomez-Bombarelli /Rafael | 03/15/18 | 10/31/19 | 0 | 195,175 | (0) |
| | | 6938205 | C | P061901 | AGREEMENT NO. W1771646 | Sontag /David Alexander | 03/01/18 | 12/31/19 | 0 | 195,790 | 0 |
| | | 6938206 | C | P067952 | AGREEMENT NO. W1771646 | Sontag /David Alexander | 02/01/18 | 01/31/20 | 0 | 150,065 | (0) |
| | | 6938208 | C | P063007 | AGREEMENT NO. W1771646 | Marelli /Benedetto | 02/01/18 | 08/31/19 | 0 | 200,003 | (0) |
| | | 6938261 | C | P067952 | AGREEMENT NO. W1771646 | Indyk /Piotr | 01/16/18 | 08/31/19 | 0 | 214,680 | (0) |
| | | 6938266 | C | P069201 | AGREEMENT NO. W1771646 | Fraenkel /Ernest | 02/01/18 | 01/31/22 | 120,165 | 450,000 | 206 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938374 | C | P067952 | AGREEMENT NO. W1771646 | Broderick /Tamara A | 07/01/18 | 08/31/19 | 0 | 149,985 | 0 |
| | | 6938375 | C | P067952 | AGREEMENT NO. W1771646 | Jaakkola /Tommi S | 02/01/18 | 08/31/22 | 759 | 225,000 | 7,359 |
| | | 6938376 | C | P159900 | AGREEMENT NO. W1771646 | Harrow /Aram W. | 02/01/18 | 01/31/22 | 182,677 | 900,000 | (118) |
| | | 6938392 | C | P267110 | AGREEMENT NO. W1771646 | Sze /Vivienne | 03/01/18 | 06/30/19 | 0 | 150,010 | 0 |
| | | 6938395 | C | P400600 | AGREEMENT NO. W1771646 | Ajemian /Robert J | 01/01/18 | 12/31/18 | 0 | 150,000 | (0) |
| | | 6938419 | C | P068700 | AGREEMENT NO. W1771646 | Uhler /Caroline | 01/01/18 | 12/31/21 | 25,856 | 225,124 | 0 |
| | | 6938439 | C | P068700 | AGREEMENT NO. W1771646 | Bresler /Guy | 01/01/18 | 12/31/20 | 0 | 224,876 | 0 |
| | | 6938445 | C | P068000 | AGREEMENT NO. W1771646 | Yildiz /Bilge | 01/01/18 | 07/31/21 | 46 | 449,679 | 0 |
| | | 6938551 | C | P067952 | AGREEMENT NO. W1771646 | O'Reilly /Una-May | 01/01/18 | 06/30/19 | 0 | 225,000 | (0) |
| | | 6938688 | C | P067952 | AGREEMENT NO. W1771646 | Torralba /Antonio | 02/01/18 | 01/31/20 | 0 | 150,000 | 0 |
| | | 6938699 | C | P154500 | AGREEMENT NO. W1771646 | Tenenbaum /Joshua B | 02/01/18 | 01/31/23 | 55,819 | 550,000 | (1,956) |
| | | 6938700 | C | P067952 | AGREEMENT NO. W1771646 | Barzilay /Regina | 01/01/18 | 12/31/22 | 0 | 450,000 | 289,378 |
| | | 6938702 | C | P121175 | RPA 2018-1-023 | Brynjolfsson /Erik | 01/01/18 | 08/31/19 | 0 | 10,000 | (200,000) |
| | | 6938736 | C | P267500 | AGREEMENT NO. W1771646 | Chuang /Isaac | 01/02/18 | 06/30/22 | 57,794 | 500,000 | 39,368 |
| | | 6938809 | C | P061901 | AGREEMENT NO. W1771646 | Lehman /Li-Wei | 06/01/18 | 05/31/23 | 82,900 | 500,000 | 123,556 |
| | | 6938872 | C | P067952 | AGREEMENT NO. W1771646 | Solomon /Justin | 07/01/18 | 08/31/19 | 0 | 169,512 | (0) |
| | | 6938873 | C | P068700 | AGREEMENT NO. W1771646 | Veeramachaneni /Kalyan | 06/01/18 | 05/31/20 | 0 | 149,868 | 0 |
| | | 6938874 | C | P067952 | AGREEMENT NO. W1771646 | Madry /Aleksander | 07/01/18 | 06/30/19 | 0 | 149,991 | 0 |
| | | 6938938 | C | P067952 | AGREEMENT NO. W1771646 | Sanchez Martin /Daniel | 03/01/18 | 08/31/19 | 0 | 154,157 | (0) |
| | | 6938943 | C | P060600 | AGREEMENT NO. W1771646 | Han /Song | 07/01/18 | 06/30/19 | 0 | 148,842 | 0 |
| | | 6939008 | C | P067952 | AGREEMENT NO. W1771646 | Barzilay /Regina | 02/01/18 | 08/31/22 | (25,444) | 125,000 | 29,754 |
| | | 6939009 | C | P067952 | AGREEMENT NO. W1771646 | Jaakkola /Tommi S | 01/01/18 | 12/31/22 | 50,209 | 450,000 | 69,924 |
| | | 6939155 | C | P402000 | AGREEMENT NO. W1771646 | Langer /Robert S | 02/01/18 | 08/31/19 | 0 | 224,152 | 0 |
| | | 6939524 | C | P154500 | AGREEMENT NO. W1771646 | McDermott /Joshua Hartman | 09/01/18 | 12/31/19 | 0 | 150,114 | (0) |
| | | 6939536 | C | P067952 | AGREEMENT NO. W1771646 | Vaikuntanathan /Vinod | 03/01/18 | 02/28/22 | 74,322 | 224,975 | 0 |
| | | 6939698 | C | P067952 | AGREEMENT NO. W1771646 | Carbin /Michael James | 09/01/18 | 12/31/19 | 0 | 149,875 | 0 |
| | | 6939704 | C | P267110 | AGREEMENT NO. W1771646 | Wornell /Gregory W | 07/01/18 | 06/30/22 | 69,792 | 550,000 | 65,993 |
| | | 6939753 | C | P154500 | AGREEMENT NO. W1771646 | Levy /Roger P | 09/01/18 | 08/31/20 | 0 | 150,000 | (0) |
| | | 6939760 | C | P069400 | AGREEMENT NO. W1771646 | Rahwan /Iyad | 05/01/18 | 08/30/19 | 0 | 150,000 | (0) |
| | | 6939804 | C | P267500 | AGREEMENT NO. W1771646 | Kim /Jeehwan | 09/01/18 | 08/31/20 | 0 | 149,919 | 0 |
| | | 6939909 | C | P067952 | AGREEMENT NO. W1771646 | Rubinfeld /Ronitt | 09/01/18 | 08/31/20 | 0 | 74,990 | 0 |
| | | 6939916 | C | P061096 | AGREEMENT NO. W1771646 | Shah /Julie A | 01/01/19 | 12/31/19 | 0 | 146,169 | 0 |
| | | 6939944 | C | P267500 | AGREEMENT NO. W1771646 | Stultz /Collin M | 09/01/18 | 08/31/20 | 0 | 149,906 | 0 |
| | | 6939995 | C | P069400 | AGREEMENT NO. W1771646 | Pentland /Alex Paul | 09/01/18 | 08/31/20 | 0 | 150,002 | 0 |
| | | 6940007 | C | P067952 | AGREEMENT NO. W1771646 | Daskalakis /Konstantinos | 09/01/18 | 08/31/20 | 0 | 74,832 | (0) |
| | | 6940028 | C | P067952 | AGREEMENT NO. W1771646 | Szolovits /Peter | 09/01/18 | 08/31/19 | 0 | 144,887 | (0) |
| | | 6940066 | C | P067952 | AGREEMENT NO. W1771646 | Glass /James R | 09/01/18 | 08/31/19 | 0 | 150,000 | (0) |
| | | 6940171 | C | P067952 | AGREEMENT NO. W1771646 | Leiserson /Charles E | 09/01/18 | 08/31/20 | (4,198) | 149,832 | 0 |
| | | 6940293 | C | P067952 | AGREEMENT NO. W1771646 | Goldwasser /Shafrira | 03/01/18 | 02/28/22 | 16,515 | 225,000 | 0 |
| | | 6942100 | C | P067952 | AGREEMENT NO. W1771646 | Agrawal /Pulkit | 09/01/19 | 01/15/21 | 0 | 188,648 | 0 |
| | | 6942113 | C | P067952 | AGREEMENT NO. W1771646 | Kaelbling /Leslie P | 09/01/19 | 02/28/21 | 0 | 250,000 | (0) |
| | | 6942189 | C | P068000 | AGREEMENT NO. W1771646 | Yildiz /Bilge | 09/01/19 | 08/31/22 | 97,837 | 390,000 | 152 |
| | | 6942216 | C | P067952 | AGREEMENT NO. W1771646 | Indyk /Piotr | 09/01/19 | 08/31/20 | 0 | 150,000 | (0) |
| | | 6942218 | C | P267111 | AGREEMENT NO. W1771646 | Daniel /Luca | 01/01/20 | 12/31/22 | 166,938 | 750,000 | 252,795 |
| | | 6942221 | C | P154500 | AGREEMENT NO. W1771646 | McDermott /Joshua Hartman | 09/01/19 | 08/31/21 | 9,875 | 150,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942222 | C | P067952 | AGREEMENT NO. W1771646 | Solar Lezama /Armando | 09/01/19 | 08/31/20 | 0 | 145,542 | 0 |
| | | 6942228 | C | P060600 | AGREEMENT NO. W1771646 | Han /Song | 01/01/20 | 12/31/22 | 354,874 | 1,026,680 | 666,806 |
| | | 6942229 | C | P417000 | AGREEMENT NO. W1771646 | Romano /Giuseppe | 09/01/19 | 08/31/21 | (9,587) | 107,620 | 0 |
| | | 6942240 | C | P068700 | AGREEMENT NO. W1771646 | Broderick /Tamara A | 09/01/19 | 08/31/23 | 19,053 | 750,000 | 609,697 |
| | | 6942244 | C | P067952 | AGREEMENT NO. W1771646 | Liccardi /Ilaria | 09/01/19 | 08/31/22 | 86,770 | 150,000 | 41,366 |
| | | 6942264 | C | P063007 | AGREEMENT NO. W1771646 | Simchi-Levi /David | 09/01/19 | 01/15/21 | 0 | 242,788 | (0) |
| | | 6942265 | C | P417000 | AGREEMENT NO. W1771646 | Johnson /Steven G | 09/01/19 | 08/31/21 | 17,255 | 216,724 | 0 |
| | | 6942267 | C | P068700 | AGREEMENT NO. W1771646 | Jadbabaie-Moghadam /Ali | 09/01/19 | 08/31/21 | 0 | 150,007 | 0 |
| | | 6942304 | C | P067952 | AGREEMENT NO. W1771646 | Solomon /Justin | 09/01/19 | 08/31/23 | (19,222) | 1,033,279 | 687,295 |
| | | 6942340 | C | P060600 | AGREEMENT NO. W1771646 | del Alamo /Jesus A | 09/01/19 | 08/31/22 | 125,123 | 360,000 | 31,249 |
| | | 6942387 | C | P067952 | AGREEMENT NO. W1771646 | Karger /David R | 09/01/17 | 05/31/22 | 3,335 | 161,500 | 8,165 |
| | | 6942388 | C | P068700 | AGREEMENT NO. W1771646 | Win /Moe Z | 01/01/20 | 12/31/21 | 57,040 | 149,382 | (0) |
| | | 6942407 | C | P267110 | AGREEMENT NO. W1771646 | Heldt /Thomas | 09/01/19 | 08/31/21 | 10,935 | 150,000 | (0) |
| | | 6942422 | C | P067952 | AGREEMENT NO. W1771646 | Leiserson /Charles E | 09/01/19 | 08/31/22 | 290,203 | 750,000 | 226,002 |
| | | 6942445 | C | P267500 | AGREEMENT NO. W1771646 | Stultz /Collin M | 09/01/19 | 08/31/22 | 197,506 | 750,000 | 435,256 |
| | | 6942463 | C | P067952 | AGREEMENT NO. W1771646 | Isola /Phillip John | 09/01/19 | 02/28/22 | 563 | 190,096 | 0 |
| | | 6942480 | C | P067952 | AGREEMENT NO. W1771646 | Satyanarayan /Arvind | 01/01/20 | 12/31/22 | 43,106 | 150,000 | 68,967 |
| | | 6942486 | C | P067952 | AGREEMENT NO. W1771646 | Szolovits /Peter | 09/01/19 | 08/31/22 | 344,928 | 750,000 | 141,009 |
| | | 6942509 | C | P063007 | AGREEMENT NO. W1771646 | Marelli /Benedetto | 09/01/19 | 08/31/23 | 199,099 | 850,000 | 413,144 |
| | | 6942511 | C | P068700 | AGREEMENT NO. W1771646 | Polyanskiy /Yury | 01/01/20 | 12/31/22 | 111,439 | 750,000 | 402,505 |
| | | 6942550 | C | P154500 | AGREEMENT NO. W1771646 | DiCarlo /James | 09/01/19 | 08/31/22 | 30,227 | 550,000 | 249,381 |
| | | 6942553 | C | P067952 | AGREEMENT NO. W1771646 | Oliva /Aude | 01/01/20 | 12/31/22 | 380,422 | 1,033,279 | 592,380 |
| | | 6942554 | C | P068700 | AGREEMENT NO. W1771646 | Dahleh /Munther A | 01/01/20 | 12/31/22 | 99,744 | 150,000 | 50,237 |
| | | 6942605 | C | P067952 | AGREEMENT NO. W1771646 | O'Reilly /Una-May | 09/01/17 | 08/31/22 | 138,352 | 635,000 | 165,291 |
| | | 6942672 | C | P067952 | AGREEMENT NO. W1771646 | Torralba /Antonio | 09/01/19 | 08/31/22 | 367,014 | 550,000 | (23,994) |
| | | 6942694 | C | P067952 | AGREEMENT NO. W1771646 | Glass /James R | 09/01/19 | 08/31/22 | 137,813 | 750,000 | 396,464 |
| | | 6942702 | C | P067952 | AGREEMENT NO. W1771646 | Carbin /Michael James | 01/01/20 | 08/31/22 | 188,799 | 350,000 | 40,640 |
| | | 6942703 | C | P066000 | AGREEMENT NO. W1771646 | Olivetti /Elsa A | 01/01/20 | 08/31/21 | 9,342 | 149,754 | 0 |
| | | 6942750 | C | P067952 | AGREEMENT NO. W1771646 | Katz /Boris | 01/01/20 | 12/31/22 | 123,256 | 338,684 | 139,818 |
| | | 6942766 | C | P154500 | AGREEMENT NO. W1771646 | Levy /Roger P | 01/01/20 | 01/15/22 | 53,833 | 225,951 | 8,344 |
| | | 6942843 | C | P067952 | AGREEMENT NO. W1771646 | Carbin /Michael James | 01/01/20 | 08/31/22 | 114,726 | 284,864 | 18,668 |
| | | 6943004 | C | P069400 | AGREEMENT NO. W1771646 | Welsch /Roy E | 01/01/20 | 05/31/22 | 126,710 | 280,677 | 0 |
| | | 6943021 | C | P154500 | AGREEMENT NO. W1771646 | Mansinghka /Vikash K | 09/01/19 | 08/31/21 | 60,214 | 150,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **11,907,653** | **48,351,720** | **14,079,344** |
| 003330 Johnson & Johnson | 003330 Johnson & Johnson | 6943807 | C | P061901 | AGREEEMENT EFFECTIVE 7/16/20 | Edelman /Elazer R | 07/16/20 | 07/15/22 | 304 | 134,787 | 134,483 |
| | | 6946673 | C | P069500 | AGRMT EFFECTIVE 11/1/2021 | Sheffi /Yosef | 11/01/21 | 10/31/22 | 105,494 | 150,000 | 44,506 |
| | **Total by Primary Sponsor** | | | | | | | | **105,797** | **284,787** | **178,990** |
| 003369 Janssen Pharmaceutical Company | 006570 Massachusetts General Hospital | 6944496 | C | P061901 | 235127 | Shalek /Alexander K | 07/02/18 | 12/31/18 | (501) | 31,767 | (0) |
| | | 6944512 | C | P061901 | 234483 | Shalek /Alexander K | 11/20/18 | 11/19/21 | 810 | 10,753 | 9,394 |
| | | 6944513 | C | P061901 | 235127 | Shalek /Alexander K | 05/20/20 | 11/19/21 | 1,621 | 7,203 | 3,114 |
| | **Total by Primary Sponsor** | | | | | | | | **1,930** | **49,723** | **12,508** |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 003373 Kawasaki | 003373 Kawasaki | 6942125 | C | P067952 | AGMT DATED 2/28/20 | Williams /Brian C | 03/01/20 | 02/28/23 | 373,594 | 773,923 | 40,490 |
| | **Total by Primary Sponsor** | | | | | | | | **373,594** | **773,923** | **40,490** |
| 003480 Liberty Mutual Insurance Company | 003480 Liberty Mutual Insurance Company | 6942905 | C | P067952 | LIBERTY MUTUAL RPP#1 | Barzilay /Regina | 03/02/20 | 09/01/21 | 12,911 | 199,171 | 0 |
| | | 6943183 | C | P121012 | | Mazumder /Rahul | 04/13/20 | 10/13/22 | 55,742 | 314,000 | 89,858 |
| | | 6943236 | C | P121012 | | Golrezaei /Negin | 06/01/20 | 11/30/22 | 149,139 | 325,184 | 10,897 |
| | | 6943237 | C | P068700 | | Veeramachaneni /Kalyan | 05/11/20 | 05/10/23 | 411,439 | 572,000 | (276,354) |
| | | 6943477 | C | P154500 | | Mansinghka /Vikash K | 06/15/20 | 06/14/21 | (17,011) | 237,121 | 0 |
| | | 6943478 | C | P154500 | | Mansinghka /Vikash K | 06/15/20 | 06/14/21 | (16,987) | 237,121 | 0 |
| | | 6943775 | C | P065004 | | Anthony /Brian | 06/01/20 | 08/31/23 | 104,426 | 383,380 | 169,041 |
| | | 6944372 | C | P153000 | AGMT DTD 10/1/20 | Ravela /Sai Czander | 10/01/20 | 12/31/22 | 272,354 | 629,890 | 222,148 |
| | | 6944373 | C | P067952 | | Kagal /Lalana S | 09/01/20 | 08/30/23 | 253,233 | 1,121,545 | 573,517 |
| | | 6944703 | C | P069400 | AGMT EFF 1/1/21 | Pentland /Alex Paul | 01/01/21 | 12/31/21 | 154,402 | 250,000 | (0) |
| | | 6946515 | C | P121012 | | Farias /Vivek F. | 11/01/21 | 12/31/22 | 10,303 | 150,000 | 139,697 |
| | | 6946778 | C | P121012 | MIT QUEST | Bertsimas /Dimitris J | 01/18/22 | 01/17/24 | 61,739 | 300,000 | 238,261 |
| | | 6947540 | C | P121012 | MIT QUEST | Perakis /Georgia | 06/01/22 | 05/31/24 | 0 | 144,844 | 144,844 |
| | **Total by Primary Sponsor** | | | | | | | | **1,451,691** | **4,864,255** | **1,311,908** |
| 003482 Eli Lilly and Company | 003482 Eli Lilly and Company | 6940628 | C | P062000 | LILLY RESEARCH PROGRAM AGREE | Jensen /Klavs F | 04/12/19 | 10/12/21 | (10,394) | 238,531 | (1,426) |
| | | 6941255 | C | P062000 | LILLY RESEARCH PROGRAM AGREE | Jensen /Klavs F | 07/01/19 | 04/11/21 | 0 | 26,469 | 0 |
| | | 6944254 | C | P152000 | AGREEMENT DATED 10/20/2020 | Buchwald /Stephen Leffler | 10/01/20 | 09/30/22 | 184,869 | 309,985 | 63,621 |
| | **Total by Primary Sponsor** | | | | | | | | **174,475** | **574,985** | **62,195** |
| 003493 LG Electronics, Incorporated | 003493 LG Electronics, Incorporated | 6932443 | C | P039010 | AGREEMENT DATED 5/18/15 | Ito /Joichi | 05/18/15 | 05/31/16 | 0 | 85,000 | (0) |
| | | 6942150 | C | P065004 | AGMT DTD11/1/2019 | Kim /Sangbae | 11/01/19 | 10/31/22 | 270,642 | 1,546,500 | 591,963 |
| | | 6943716 | C | P065004 | AGMT DTD11/1/2019 | Kim /Sangbae | 08/01/20 | 08/01/22 | 115,665 | 253,500 | 69,475 |
| | | 6946420 | C | P065004 | 1 | Kim /Jeehwan | 12/10/21 | 06/09/23 | 69,137 | 150,000 | 80,863 |
| | **Total by Primary Sponsor** | | | | | | | | **455,444** | **2,035,000** | **742,302** |
| 003553 Microsoft Corporation | 003553 Microsoft Corporation | 6944817 | C | P417500 | PO #: 99672678 | Kimerling /Lionel C | 02/01/21 | 01/15/22 | 170,415 | 270,404 | 0 |
| | | 6946878 | C | P417500 | MICROSOFT PO #: 100123894 | Kimerling /Lionel C | 01/15/22 | 09/30/22 | 113,039 | 293,818 | 180,779 |
| | **Total by Primary Sponsor** | | | | | | | | **283,453** | **564,222** | **180,779** |
| 003576 Medtronic, Incorporated | 003576 Medtronic, Incor | 6946482 | C | P062000 | AGRMT EFFECTIVE 11/08/2021 | Bazant /Martin Z | 11/08/21 | 04/30/23 | 85,791 | 300,000 | 214,209 |
| | **Total by Primary Sponsor** | | | | | | | | **85,791** | **300,000** | **214,209** |
| 003579 Merck and Co. Inc. | 003579 Merck and Co. Inc. | 6933016 | C | P152000 | LKR171955 / PO# 8102388306 | Buchwald /Stephen Leffler | 07/01/15 | 01/31/24 | 197 | 636,252 | (31,982) |
| | | 6933172 | C | P152000 | LKR#149336 | Buchwald /Stephen Leffler | 07/01/15 | 02/12/20 | 0 | 301,063 | (0) |
| | | 6933338 | C | P062000 | LRK180606/PO 8102835331 | Doyle /Patrick S | 12/28/15 | 03/31/23 | 188,044 | 940,000 | 177,440 |
| | | 6941344 | C | P069201 | AGMT. DTD. 07/01/2019 | Griffith /Linda G | 07/01/19 | 12/31/21 | 11,732 | 427,354 | 97,605 |
| | | 6945690 | C | P069501 | MISP REFERENCE #60651 | Coughlin /Joseph F | 07/01/21 | 06/30/22 | 193,526 | 195,844 | 2,319 |
| | | 6946634 | C | P069501 | MISP 61186 | Coughlin /Joseph F | 09/30/21 | 09/29/22 | 57,051 | 270,317 | 213,266 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **450,549** | **2,770,829** | **458,648** |
| 003591 Millipore Corporation | 003591 Millipore Corporation | 6943490 | C | P122030 | SRA DTD. 07/09/2020 | Malone /Thomas W | 05/25/20 | 12/31/21 | 48,932 | 225,000 | 0 |
| | | 6943647 | C | P122030 | SRA DTD. 07/09/2020 | Kong /David S. | 05/25/20 | 12/31/21 | 36,951 | 225,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **85,883** | **450,000** | **0** |
| 003595 Minnesota Mining & Manufacturing Company (3M) | 003595 Minnesota Minir | 6941060 | C | P152000 | ACN1154153 | Johnson /Jeremiah A. | 07/01/19 | 07/01/21 | 4,578 | 250,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **4,578** | **250,000** | **0** |
| 003610 Mitre Corporation | 003610 Mitre Corporation | 6940361 | C | P267111 | RESEARCH AGMT. 126508 | Englund /Dirk R. | 10/01/18 | 10/31/23 | 522,468 | 2,256,257 | 456,105 |
| | | 6942157 | C | P267111 | RESEARCH AGMT. 126508 | Englund /Dirk R. | 10/01/18 | 10/31/23 | 23,557 | 62,150 | (13,175) |
| | | 6943545 | C | P060600 | 133010 | Chandrakasan /Anantha P | 06/25/20 | 09/30/21 | 53,250 | 200,000 | 0 |
| | | 6944143 | C | P267111 | RESEARCH AGMT. 126508 | Englund /Dirk R. | 10/01/18 | 10/31/23 | 60,090 | 145,200 | 17,558 |
| | | 6944390 | C | P267111 | RESEARCH AGMT. 126508 | Englund /Dirk R. | 10/01/18 | 10/31/23 | 163,527 | 320,000 | 38,572 |
| | | 6944412 | C | P267111 | RESEARCH AGMT. 126508 | Englund /Dirk R. | 10/01/18 | 09/30/22 | 7,946 | 15,000 | (4,885) |
| | | 6945177 | C | P061093 | 136887 | Crawley /Edward F | 03/02/21 | 10/31/21 | 63,940 | 109,999 | 0 |
| | | 6946616 | C | P267111 | RESEARCH AGMT. 126508 ITEM #2 | Englund /Dirk R. | 10/01/21 | 10/31/23 | 126,000 | 213,500 | 87,500 |
| | | 6946617 | C | P267111 | RESEARCH AGMT. 126508 ITEM #3 | Englund /Dirk R. | 10/01/21 | 10/31/23 | 52,731 | 830,000 | 777,269 |
| | | 6946619 | C | P267111 | RESEARCH AGMT. 126508 ITEM #4 | Englund /Dirk R. | 10/01/21 | 10/31/22 | 311,024 | 500,000 | 188,976 |
| | | 6946620 | C | P267111 | RESEARCH AGMT. 126508 ITEM #5 | Englund /Dirk R. | 11/01/22 | 10/31/23 | 0 | 500,000 | 500,000 |
| | | 6947169 | C | P267111 | RESEARCH AGMT. 126508 ITEM #2 | Englund /Dirk R. | 10/01/21 | 10/31/23 | 0 | 36,500 | 36,500 |
| | | 6947717 | C | P267111 | RESEARCH AGMT. 126508 ITEM #3 | Englund /Dirk R. | 10/01/21 | 10/31/23 | 0 | 70,000 | 70,000 |
| | **Total by Primary Sponsor** | | | | | | | | **1,384,534** | **5,258,606** | **2,154,420** |
| 003629 Mitsubishi Heavy Industries Limited | 003629 Mitsubishi Heav Industries Limited | 6937627 | C | P061094 | AGMT DATED SEPTEMBER 1, 2017 | Spakovszky /Zoltan S | 09/01/17 | 08/31/19 | (2,110) | 589,920 | 0 |
| | | 6940058 | C | P061094 | SRA DTD, 09/01/2018 | Spakovszky /Zoltan S | 09/01/18 | 08/31/23 | 68,987 | 1,187,706 | 285,305 |
| | | 6941765 | C | P061094 | AGMT SIGNED 11/7/19 | Spakovszky /Zoltan S | 09/01/19 | 08/31/23 | 543,654 | 2,449,906 | 778,339 |
| | | 6941817 | C | P061094 | AGMT. DTD 9/1/19 | Spakovszky /Zoltan S | 09/01/19 | 08/31/22 | 559,223 | 1,160,060 | 151,538 |
| | | 6944108 | C | P061094 | TBD | Spakovszky /Zoltan S | 01/01/20 | 08/31/22 | 212,656 | 905,130 | 679,453 |
| | | 6946716 | C | P062000 | AGRMT EFFECTIVE 11/1/2021 | Hatton /Trevor Alan | 11/01/21 | 09/30/24 | 9,177 | 187,445 | 178,269 |
| | | 6946895 | C | P061094 | AGREEMENT EFFECTIVE 1.1.2022 | Barrett /Steven R. H. | 01/01/22 | 09/30/22 | 72,618 | 81,200 | 8,582 |
| | **Total by Primary Sponsor** | | | | | | | | **1,464,204** | **6,561,366** | **2,081,486** |
| 003640 Bayer Materials Science AG | 003640 Bayer Materials | 6942203 | C | P067952 | PO NO. 2150522909 | Szolovits /Peter | 09/01/19 | 01/31/22 | 3,896 | 127,546 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **3,896** | **127,546** | **(0)** |
| 003658 McKinsey and Company, Incorporated | 003658 McKinsey and C | 6943497 | C | P170000 | SRA DTD 06/23/2020 | Boning /Duane S | 04/01/20 | 08/31/21 | 3,437 | 50,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **3,437** | **50,000** | **(0)** |
| 003669 Mitsubishi Materials Corporation | 003669 Mitsubishi Materials Corporation | 6940201 | C | P417500 | AGMT. DTD. 01/01/2019 | Tasan /Cemal | 03/15/19 | 03/14/20 | (2,753) | 82,255 | 0 |
| | | 6944580 | C | P066000 | AGREEMENT DATED 11/20/20 | Tasan /Cemal | 10/01/20 | 09/30/22 | 43,157 | 50,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **40,404** | **132,255** | **0** |
| 003705 DO NOT USE Multi Group Sponsor | 003705 DO NOT USE M | 6031600 | C | P320000 | RESEARCH AGREEMENT | Heywood /John B | 06/01/93 | 03/31/94 | 0 | 16,700 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **16,700** | **0** |
| 003710 DO NOT USE Multi Sponsored Projects-Industrial | 003710 DO NOT USE Multi Sponsored Projects-Industrial | 6344200 | C | P069501 | MASTER AGREEMENT | Graves /Stephen C | 05/01/95 | 06/30/97 | 0 | 48,509 | 0 |
| | | 6344300 | C | P069501 | MASTER AGREEMENT | Magnanti /Thomas L | 05/15/95 | 12/31/99 | 0 | 78,705 | 0 |
| | | 6344400 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 05/01/95 | 04/30/98 | 0 | 143,012 | (0) |
| | | 6344500 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 05/01/95 | 04/30/98 | 0 | 33,892 | 0 |
| | | 6344600 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 05/01/95 | 04/30/98 | 0 | 33,729 | (0) |
| | | 6344700 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 05/01/95 | 04/30/98 | 0 | 3,996 | 0 |
| | | 6344800 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 09/01/95 | 12/31/00 | 0 | 63,462 | 0 |
| | | 6344900 | C | P069501 | MASTER AGREEMENT | Fine /Charles H | 02/01/96 | 12/31/04 | 0 | 120,718 | 0 |
| | | 6345000 | C | P069501 | MASTER AGREEMENT | Jap /Sandy D | 02/01/96 | 05/31/97 | 0 | 23,181 | 0 |
| | | 6345100 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 02/01/96 | 04/30/98 | 0 | 17,928 | 0 |
| | | 6345200 | C | P069501 | MASTER AGREEMENT | Rosenfield /Donald Barry | 05/01/96 | 02/28/98 | 0 | 46,368 | (0) |
| | | 6345300 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 12/01/96 | 07/31/98 | 0 | 14,207 | (0) |
| | | 9758500 | C | P069400 | CONSORTIUM AGREEMENTS | Clark /Joel P | 01/01/86 | 12/31/92 | 0 | 454,421 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **1,082,128** | **0** |
| 003741 National Grid USA | 003741 National Grid US | 6945190 | C | P320000 | AGMT EFF 2/1/21 | Knittel /Christopher Roland | 02/01/21 | 08/31/22 | 100,988 | 181,239 | 44,273 |
| | **Total by Primary Sponsor** | | | | | | | | **100,988** | **181,239** | **44,273** |
| 003778 Nestle Company, Incorporated | 003778 Nestle Compan | 6941291 | C | P067952 | | Torralba /Antonio | 09/01/19 | 05/31/21 | (1,661) | 180,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(1,661)** | **180,000** | **(0)** |
| 003815 NTT Data Communications | 003815 NTT Data Comr | 6944694 | C | P039010 | AGREEMENT EFFECTIVE 1/1/21 | Maes /Patricia | 01/01/21 | 03/31/23 | 100,216 | 109,196 | (12,377) |
| | **Total by Primary Sponsor** | | | | | | | | **100,216** | **109,196** | **(12,377)** |
| 003822 Nihon Kohden Corporation | 003822 Nihon Kohden C | 6942065 | C | P061901 | AGREEMENT EFFECTIVE 1/1/20 | Heldt /Thomas | 01/01/20 | 06/30/22 | 351,867 | 800,000 | 218,684 |
| | **Total by Primary Sponsor** | | | | | | | | **351,867** | **800,000** | **218,684** |
| 003824 Denso Corporation | 003824 Denso Corporation | 6936165 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 11/01/16 | 02/28/19 | 0 | 406,200 | (0) |
| | | 6940605 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 03/01/19 | 02/28/21 | 0 | 400,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **806,200** | **(0)** |
| 003830 Nippon Telegraph & Telephone | 003830 Nippon Telegraph & Telephone | 6718800 | C | P067950 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 07/01/98 | 06/30/04 | 0 | 2,674,412 | (1,817) |
| | | 6718900 | C | P068600 | AGMT DTD 6/21/98 | Zue /Victor Waito | 07/01/98 | 06/30/02 | 0 | 27,748 | (0) |
| | | 6734300 | C | P067950 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 08/01/98 | 06/30/04 | 0 | 701,952 | (0) |
| | | 6734400 | C | P067950 | AGMT DTD 6/21/98 | Zue /Victor Waito | 08/01/98 | 06/30/04 | 0 | 1,098,048 | (0) |
| | | 6762500 | C | P067952 | AGMT DTD 6/21/98 | Balakrishnan /Hari | 07/01/98 | 06/30/04 | 0 | 949,911 | (0) |
| | | 6762600 | C | P068600 | AGMT DTD 6/21/98 | Liskov /Barbara H | 07/01/98 | 06/30/01 | 0 | 450,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6762700 | C | P067952 | AGMT DTD 6/21/98 | Goldwasser /Shafrira | 07/01/98 | 06/30/03 | 0 | 720,000 | 0 |
| | | 6762800 | C | P068500 | AGMT DTD 6/21/98 | Viola /Paul A | 07/01/98 | 06/30/02 | 0 | 399,999 | (0) |
| | | 6762900 | C | P068600 | AGMT DTD 6/21/98 | Glass /James R | 07/01/98 | 06/30/02 | 0 | 299,993 | (0) |
| | | 6763000 | C | P067952 | AGMT DTD 6/21/98 | Grimson /William E | 07/01/98 | 06/30/04 | 0 | 599,998 | (0) |
| | | 6773100 | C | P068600 | AGMT DTD 6/21/98 | Dorsey /Julie | 07/01/98 | 06/30/02 | 0 | 300,000 | 0 |
| | | 6802900 | C | P068500 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 01/01/99 | 06/30/99 | 0 | 25,572 | 0 |
| | | 6848700 | C | P068500 | AGMT DTD 6/21/98 | Knight /Thomas F | 07/01/99 | 06/30/02 | 0 | 249,997 | 0 |
| | | 6848800 | C | P067952 | AGMT DTD 6/21/98 | Lynch /Nancy Ann | 07/01/99 | 06/30/04 | 0 | 665,012 | (0) |
| | | 6848900 | C | P068600 | AGMT DTD 6/21/98 | McMillan /Leonard | 07/01/99 | 06/30/02 | 0 | 400,000 | (0) |
| | | 6849000 | C | P067952 | AGMT DTD 6/21/98 | Teller /Seth | 07/01/99 | 06/30/04 | 0 | 469,938 | (0) |
| | | 6849100 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 07/01/99 | 06/30/04 | 0 | 463,665 | 0 |
| | | 6849200 | C | P067952 | AGMT DTD 6/21/98 | Poggio /Tomaso A | 07/01/99 | 06/30/04 | 0 | 430,000 | (0) |
| | | 6849300 | C | P068600 | AGMT DTD 6/21/98 | Devadas /Srinivas | 07/01/98 | 06/30/02 | 0 | 247,211 | 0 |
| | | 6849400 | C | P067952 | AGMT DTD 6/21/98 | Mithal /Arvind | 07/01/99 | 06/30/04 | 0 | 550,000 | (0) |
| | | 6849500 | C | P067952 | AGMT DTD 6/21/98 | Karger /David R | 07/01/99 | 06/30/04 | 0 | 495,000 | 0 |
| | | 6849600 | C | P067952 | AGMT DTD 6/21/98 | Kaelbling /Leslie P | 07/01/99 | 06/30/03 | 0 | 200,000 | (0) |
| | | 6890070 | C | P067952 | AGMT DTD 6/29/98 | Brooks /Rodney Allen | 10/01/99 | 06/30/03 | 0 | 60,000 | 0 |
| | | 6890578 | C | P067952 | AGMT DTD 6/21/98 | Jaakkola /Tommi S | 07/01/00 | 06/30/03 | 0 | 329,963 | 0 |
| | | 6890579 | C | P067952 | AGMT DTD 6/21/98 | Morris /Robert Tappan | 07/01/00 | 06/30/04 | 0 | 800,000 | (0) |
| | | 6890580 | C | P067952 | AGMT DTD 6/21/98 | Darrell /Trevor J | 07/01/00 | 06/30/04 | 0 | 680,000 | 0 |
| | | 6890581 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 07/01/00 | 06/30/04 | 0 | 270,001 | 0 |
| | | 6890586 | C | P067952 | AGMT DTD 6/21/98 | Guttag /John V | 07/01/00 | 12/31/03 | 0 | 300,000 | 0 |
| | | 6890893 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 07/01/99 | 06/30/04 | 0 | 60,192 | 0 |
| | | 6890894 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 07/01/99 | 06/30/04 | 0 | 58,569 | 0 |
| | | 6891480 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 10/01/00 | 06/30/04 | 0 | 34,384 | 0 |
| | | 6892335 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 07/01/01 | 06/30/04 | 0 | 999,998 | 0 |
| | | 6892336 | C | P067952 | AGMT DTD 6/21/98 | Ernst /Michael D | 07/01/01 | 06/30/04 | 0 | 200,000 | (0) |
| | | 6892337 | C | P067952 | AGMT DTD 6/21/98 | Sudan /Madhu | 07/01/01 | 06/30/04 | 0 | 199,537 | 0 |
| | | 6892772 | C | P067952 | AGMT DTD 6/21/98 | Demaine /Erik D | 10/01/01 | 06/30/04 | 0 | 199,999 | 0 |
| | | 6892773 | C | P067952 | AGMT DTD 6/21/98 | Freeman /William T | 10/01/01 | 06/30/04 | 0 | 333,344 | 0 |
| | | 6892774 | C | P067952 | AGMT DTD 6/21/98 | Popovic /Jovan | 10/01/01 | 06/30/04 | 0 | 188,043 | 0 |
| | | 6892781 | C | P067952 | AGMT DTD 6/21/98 | Indyk /Piotr | 10/01/01 | 06/30/04 | 0 | 199,998 | 0 |
| | | 6893144 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 03/01/02 | 06/30/04 | 0 | 4,872 | 0 |
| | | 6893318 | C | P067952 | LETTER DTD 4/30/02 | Brooks /Rodney Allen | 04/01/02 | 06/30/04 | 0 | 13,648 | 0 |
| | | 6893719 | C | P067952 | AGMT DTD 6/21/98 | Durand /Frederic | 07/01/02 | 06/30/04 | 0 | 116,730 | 0 |
| | | 6893743 | C | P067952 | AGMT DTD 6/21/98 | Liskov /Barbara H | 07/01/02 | 06/30/04 | 0 | 100,000 | 0 |
| | | 6893756 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 07/01/02 | 06/30/04 | 0 | 120,000 | 0 |
| | | 6893987 | C | P067952 | AGMT DTD 6/21/98 | Miller /Robert C | 07/01/02 | 06/30/04 | 0 | 87,596 | 0 |
| | | 6894155 | C | P067952 | LETTER DTD 4/30/02 | Collins /Michael | 07/01/02 | 06/30/04 | 0 | 59,997 | 2,070 |
| | | 6894244 | C | P067952 | EMAIL DTD. 10/31/02 | Katabi /Dina | 07/01/02 | 06/30/04 | 0 | 60,007 | (0) |
| | | 6894926 | C | P067952 | AGMT DTD 6/21/98 | Brooks /Rodney Allen | 05/22/03 | 06/30/04 | 0 | 104,670 | 0 |
| | | 6896042 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 07/01/03 | 12/31/06 | 0 | 250,000 | (0) |
| | | 6896043 | C | P067952 | AGMT DTD 6/21/98 | Collins /Michael | 07/01/03 | 06/30/05 | 0 | 114,961 | (0) |
| | | 6896044 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 07/01/03 | 06/30/05 | 0 | 149,993 | 0 |
| | | 6899122 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/01/06 | 12/31/06 | 0 | 105,181 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6899123 | C | P067952 | AGMT DTD 6/21/98 | Collins /Michael | 01/01/06 | 12/31/06 | 0 | 91,151 | (0) |
| | | 6899124 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/06 | 12/31/06 | 0 | 96,292 | (0) |
| | | 6915068 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 01/01/07 | 12/31/07 | 0 | 90,000 | 917 |
| | | 6915069 | C | P067952 | AGMT DTD 6/21/98 | Collins /Michael | 01/01/07 | 12/31/07 | 0 | 47,075 | (0) |
| | | 6915070 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/07 | 12/31/07 | 0 | 73,708 | 0 |
| | | 6915071 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/01/07 | 12/31/07 | 0 | 81,819 | (0) |
| | | 6917191 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/01/08 | 12/31/08 | 0 | 78,300 | 0 |
| | | 6917529 | C | P067952 | AGMT DTD 3/26/08 | Collins /Michael | 01/01/08 | 12/31/08 | 0 | 41,600 | (0) |
| | | 6917547 | C | P067952 | AGMT DTD 3/26/08 | Adelson /Edward H | 01/01/08 | 12/31/08 | 0 | 65,000 | 0 |
| | | 6917750 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 01/01/08 | 12/31/08 | 0 | 90,000 | 1,116 |
| | | 6919189 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 01/01/09 | 12/31/09 | 0 | 90,000 | (0) |
| | | 6919434 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/01/09 | 12/31/09 | 0 | 78,039 | (0) |
| | | 6919773 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/09 | 12/31/09 | 0 | 40,000 | 0 |
| | | 6919774 | C | P067952 | AGMT DTD 6/21/98 | Collins /Michael | 01/01/09 | 12/31/09 | 0 | 45,000 | (0) |
| | | 6921156 | C | P067952 | AGMT DATED 06/21/98 | Glass /James R | 01/01/10 | 12/31/10 | 0 | 50,000 | (0) |
| | | 6921199 | C | P067952 | AGMT DATED 06/21/98 | Collins /Michael | 01/01/10 | 12/31/10 | 0 | 41,000 | (0) |
| | | 6921490 | C | P067952 | AGMT DATED 06/21/98 | Adelson /Edward H | 01/01/10 | 12/31/10 | 0 | 20,000 | (0) |
| | | 6921581 | C | P067952 | AGMT DTD 6/21/98 | Tenenbaum /Joshua B | 01/01/10 | 12/31/10 | 0 | 90,000 | (0) |
| | | 6923276 | C | P067952 | AGMT DATED 06/21/98 | Glass /James R | 01/01/11 | 12/31/11 | 0 | 50,000 | 0 |
| | | 6923277 | C | P067952 | AGMT DATED 06/21/98 | Adelson /Edward H | 01/01/11 | 12/31/11 | 0 | 20,000 | 0 |
| | | 6925361 | C | P067952 | AGMT DATED 06/21/98 | Adelson /Edward H | 01/01/12 | 12/31/12 | 0 | 18,675 | 0 |
| | | 6927168 | C | P067952 | AGMT. DTD. 2/20/13 | Glass /James R | 01/01/13 | 12/31/13 | 0 | 50,000 | (0) |
| | | 6927219 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/13 | 12/31/13 | 0 | 20,000 | (0) |
| | | 6929339 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/14 | 12/31/14 | 0 | 20,000 | 0 |
| | | 6929342 | C | P067952 | AGMT. DTD. 2/27/14 | Glass /James R | 01/01/14 | 12/31/14 | 0 | 48,000 | (0) |
| | | 6931682 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/15 | 12/31/15 | 0 | 20,000 | (0) |
| | | 6931809 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/01/15 | 12/31/15 | 0 | 42,000 | (0) |
| | | 6934183 | C | P067952 | | Adelson /Edward H | 01/01/16 | 12/31/16 | 0 | 20,000 | 0 |
| | | 6934732 | C | P067952 | AGMT DTD 08/31/2016 | Glass /James R | 09/01/16 | 12/31/16 | 0 | 41,944 | (0) |
| | | 6936124 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 05/01/17 | 12/31/17 | 0 | 41,742 | (0) |
| | | 6936125 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 01/01/17 | 12/31/17 | 0 | 20,000 | 0 |
| | | 6938781 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 06/15/18 | 12/31/18 | 0 | 65,000 | (0) |
| | | 6939935 | C | P067952 | AGMT DTD 6/21/98 | Adelson /Edward H | 06/15/18 | 12/31/18 | 0 | 20,000 | (0) |
| | | 6940368 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 04/01/19 | 12/31/19 | 0 | 65,258 | (0) |
| | | 6942193 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 07/11/19 | 09/30/24 | 95,478 | 703,968 | 383,639 |
| | | 6942194 | C | P267200 | RESEARCH COLLABORATION AGRE | Oliver /William D | 10/01/19 | 09/30/24 | 274,160 | 600,000 | 202,873 |
| | | 6942252 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 07/31/22 | 8,648 | 35,000 | (1,708) |
| | | 6942402 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 01/15/20 | 12/28/20 | 0 | 65,000 | 0 |
| | | 6942709 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 09/30/24 | 150,108 | 361,000 | 36,524 |
| | | 6943669 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 03/31/22 | 0 | 12,633 | 0 |
| | | 6944239 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 09/30/21 | 3,191 | 31,735 | 0 |
| | | 6944737 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 01/01/23 | 13,513 | 38,000 | 16,096 |
| | | 6945057 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 03/15/21 | 09/01/21 | 34,541 | 56,364 | 0 |
| | | 6945207 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 11/01/20 | 09/30/24 | 183,775 | 352,000 | 73,100 |
| | | 6945258 | C | P417500 | AGMT EFFECTIVE DATE 4/19/2021 | Kimerling /Lionel C | 04/19/21 | 12/31/21 | 24,728 | 24,728 | (0) |



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**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945277 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 09/30/24 | 549 | 39,000 | 38,217 |
| | | 6945308 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 11/01/20 | 09/30/24 | 38,748 | 48,000 | 1,658 |
| | | 6946221 | C | P067952 | AGMT DTD 6/21/98 | Glass /James R | 11/11/21 | 02/28/22 | 50,000 | 50,000 | 0 |
| | | 6946340 | C | P267111 | RESEARCH COLLABORATION AGRE | Englund /Dirk R. | 10/01/19 | 09/30/24 | 19,962 | 22,300 | 2,338 |
| | | 6946879 | C | P417500 | AGREEMENT EFFECTIVE 1/1/2022 | Kimerling /Lionel C | 01/01/22 | 12/31/22 | 6,988 | 25,606 | 18,618 |
| | **Total by Primary Sponsor** | | | | | | | | **904,388** | **22,857,072** | **773,641** |
| 003834 Nissan Motor Co., Ltd. | 003834 Nissan Motor Co., Ltd. | 6940020 | C | P065004 | SRA DTD. 12/11/2018 | Fang /Xuanlai | 12/21/18 | 03/31/22 | 58,246 | 249,079 | (0) |
| | | 6942829 | C | P065004 | | Fang /Xuanlai | 04/01/20 | 03/31/21 | 0 | 180,000 | 70,345 |
| | | 6944046 | C | P065004 | PO# 7400149412 | Gallant /Betar Maurkah | 09/01/20 | 08/31/22 | 77,354 | 266,102 | 79,005 |
| | **Total by Primary Sponsor** | | | | | | | | **135,600** | **695,181** | **149,350** |
| 003836 Nissan Research & Development, Incorporated | 003836 Nissan Researc | 6944929 | C | P065004 | PO 7400140890 | Anthony /Brian | 11/01/20 | 01/15/23 | 167,307 | 551,000 | 383,693 |
| | **Total by Primary Sponsor** | | | | | | | | **167,307** | **551,000** | **383,693** |
| 003847 Nokia Inc. | 003847 Nokia Inc. | 6928051 | C | P039010 | AGREEMENT DATED 6/27/13 | Raskar /Ramesh | 07/01/13 | 06/30/14 | 0 | 100,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **(0)** |
| 003870 North American Philips Corporation - Philips L | 003870 North American Philips Corporation - Philips L | 6932607 | C | P061904 | PO 4520169503 - EFF 5/19/15 MRCA ( | Szolovits /Peter | 07/01/15 | 12/31/24 | 0 | 1,193 | (128,767) |
| | | 6932613 | C | P030001 | AGREEMENT DATED 5/19/15 | Berger /Alan M | 07/01/15 | 08/31/16 | 0 | 290,442 | 0 |
| | | 6932695 | C | P122020 | AGREEMENT DATED 5/19/15 | Welsch /Roy E | 07/01/15 | 01/31/17 | 0 | 379,997 | 0 |
| | | 6932698 | C | P030001 | AGREEMENT DATED 5/19/15 | Ratti /Carlo | 07/02/15 | 04/30/18 | 0 | 600,000 | 0 |
| | | 6932722 | C | P061901 | EFF 5/19/15 - MASTER RESEARCH C | Heldt /Thomas | 09/01/15 | 07/31/22 | 0 | 28,711 | (28,414) |
| | | 6932723 | C | P060600 | EFF 5/19/15 - MASTER RESEARCH C | Sodini /Charles G | 09/01/15 | 12/31/18 | 0 | 12,814 | (0) |
| | | 6932724 | C | P061901 | EFF 5/19/15 - MASTER RESEARCH C | Heldt /Thomas | 09/01/15 | 12/31/18 | 0 | 320,037 | (21,699) |
| | | 6932725 | C | P061901 | EFF 5/19/15 - MASTER RESEARCH C | Heldt /Thomas | 09/01/15 | 12/31/18 | 0 | 214,000 | 1,835 |
| | | 6932821 | C | P067952 | EXH B-4: PO 45020209680 | O'Reilly /Una-May | 09/01/15 | 08/31/18 | 0 | 686,557 | 0 |
| | | 6932822 | C | P061901 | EFF 5/19/15 - MASTER RESEARCH C | Mark /Roger G | 07/02/15 | 12/31/21 | 580 | 828,579 | (11,246) |
| | | 6932824 | C | P067952 | EXH B-3: PO 4520209864 | Szolovits /Peter | 07/01/15 | 06/30/19 | (28) | 819,536 | 0 |
| | | 6932825 | C | P067952 | EFF 5/19/15 - MASTER RESEARCH C | Szolovits /Peter | 07/01/15 | 06/30/19 | 0 | 62,067 | 0 |
| | | 6932826 | C | P067952 | EFF 5/19/15 - MASTER RESEARCH C | Szolovits /Peter | 07/01/15 | 06/30/19 | 0 | 117,923 | 0 |
| | | 6933280 | C | P060600 | EFF 5/19/15 - MASTER RESEARCH C | Lee /Hae-Seung | 09/01/15 | 12/31/18 | 0 | 162,441 | (0) |
| | | 6933281 | C | P060600 | EFF 5/19/15 - MASTER RESEARCH C | Sodini /Charles G | 09/01/15 | 12/31/18 | 0 | 161,996 | 0 |
| | | 6933371 | C | P061901 | EXH B-2: PO4520209865 | Anthony /Brian | 09/01/15 | 07/31/20 | 0 | 1,510,722 | (0) |
| | | 6933542 | C | P067952 | AGREEMENT DATED 2/3/2016 | Madden /Samuel R | 02/01/16 | 06/30/16 | 0 | 89,994 | 0 |
| | | 6933575 | C | P063007 | AGREEMENT DATED 2/3/2016 | Gonzalez /Marta C. | 02/01/16 | 10/31/18 | 0 | 100,000 | 0 |
| | | 6933967 | C | P068700 | EFF 5/19/15 - MASTER RESEARCH C | Veeramachaneni /Kalyan | 04/01/16 | 08/31/17 | 0 | 13,443 | 0 |
| | | 6935032 | C | P030001 | AGREEMENT DATED 09/01/2016 | Larson /Kent | 09/01/16 | 08/31/17 | 0 | 167,746 | 0 |
| | | 6935059 | C | P035000 | AGREEMENT DATED 9/1/2016 | Williams /Sarah E | 07/01/15 | 08/31/17 | 0 | 90,000 | (0) |
| | | 6935064 | C | P063007 | AGREEMENT DATED AGREEMENT D | Gonzalez /Marta C. | 09/01/16 | 10/31/18 | 0 | 147,733 | 27 |
| | | 6935265 | C | P067952 | AGREEMENT DATED 9/1/2016 | Madden /Samuel R | 09/01/16 | 09/01/17 | 0 | 149,999 | 0 |
| | | 6935615 | C | P121110 | PHILIPS GRAND CHALLENGE 2017 | Siegel /Michael D | 02/01/17 | 09/30/17 | 0 | 98,210 | 0 |
| | | 6935616 | C | P122030 | AGREEMENT DATED 5/19/15 | Malone /Thomas W | 02/01/17 | 01/31/20 | 0 | 236,325 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935657 | C | P060600 | EFF 5/19/15 - MASTER RESEARCH C | Sodini /Charles G | 09/01/15 | 08/31/18 | 0 | 11,282 | (0) |
| | | 6936690 | C | P061901 | EXH B-11: PO4520204043 | Mark /Roger G | 07/01/16 | 12/31/22 | 12,660 | 642,354 | 163,475 |
| | | 6936694 | C | P061901 | 4520169503 | Sontag /David Alexander | 07/01/16 | 12/31/17 | 0 | 122,000 | 0 |
| | | 6937486 | C | P067952 | AGREEMENT DATED 5/19/15 | Madden /Samuel R | 09/01/17 | 12/31/19 | 0 | 149,790 | (0) |
| | | 6937487 | C | P031000 | AGREEMENT DATED 5/19/15 | Reinhart /Christoph | 09/01/17 | 08/31/18 | 0 | 125,000 | 0 |
| | | 6937488 | C | P067952 | AGREEMENT DATED 5/19/15 | Jaakkola /Tommi S | 11/01/17 | 10/31/18 | 0 | 129,309 | 0 |
| | | 6937489 | C | P121175 | AGREEMENT DATED 5/19/15 | Westerman /George F | 09/01/17 | 12/31/18 | 0 | 170,017 | 0 |
| | | 6937490 | C | P093800 | AGREEMENT DATED 5/19/15 | Casalegno /Federico | 02/01/17 | 08/31/18 | 0 | 163,000 | 0 |
| | | 6940055 | C | P061904 | PO 4520169503 - EFF 5/19/15 MRCA ( | Heldt /Thomas | 06/01/18 | 08/31/22 | 45,522 | 742,659 | 380,831 |
| | | 6940115 | C | P122030 | AGREEMENT DATED 5/19/15 | Malone /Thomas W | 10/01/18 | 01/31/20 | 0 | 313,675 | 0 |
| | | 6940123 | C | P067900 | AGREEMENT DATED 5/19/15 | Glass /James R | 09/01/18 | 08/31/19 | 0 | 299,866 | 0 |
| | | 6940124 | C | P067952 | AGREEMENT DATED 5/19/15 | Madden /Samuel R | 07/01/15 | 12/31/19 | 0 | 300,000 | 0 |
| | | 6940274 | C | P061901 | PO 4520169503 - EFF 5/19/15 MRCA ( | Edelman /Elazer R | 01/01/19 | 12/31/22 | 0 | 149,777 | 24,332 |
| | | 6941743 | C | P061901 | PO 4520231365 - EFF 5/19/15 MRCA ( | Heldt /Thomas | 01/01/19 | 10/31/22 | 136,920 | 886,000 | 323,020 |
| | | 6941780 | C | P061904 | B-20: PO 4520239365 - EFF 5/19/15 M | Mark /Roger G | 01/02/19 | 12/31/24 | 49,087 | 385,392 | 112,058 |
| | | 6944352 | C | P065005 | PO 4501074524 | Zhao /Xuanhe | 01/01/21 | 12/31/22 | 395,261 | 586,542 | 97,480 |
| | | 6945544 | C | P061901 | B-20: PO 4520239365 - EFF 5/19/15 M | Celi /Leo Anthony G. | 01/01/21 | 12/31/24 | 141,767 | 542,910 | 401,142 |
| | | 6947824 | C | P061904 | PO 4520169503 - EFF 5/19/15 MRCA ( | Szolovits /Peter | 05/01/22 | 04/30/23 | 0 | 172,468 | 172,468 |
| | **Total by Primary Sponsor** | | | | | | | | **781,769** | **13,182,506** | **1,486,543** |
| 003879 Northrop Grumman Integrated Systems Eastern Region | 003879 Northrop Grumman Integrated Systems Eastern Regio | 6920762 | C | P067950 | AGMT. DTD. 9/1/09 | Rus /Daniela L | 09/01/09 | 08/31/22 | 0 | 366,637 | 20,714 |
| | | 6920764 | C | P067952 | AGMT. DTD. 9/1/09 | Jackson /Daniel | 09/01/09 | 08/31/11 | 0 | 433,683 | (0) |
| | | 6920765 | C | P067952 | AGMT. DTD. 9/1/09 | Knight /Thomas F | 09/01/09 | 08/31/10 | 0 | 149,025 | (0) |
| | | 6920811 | C | P067952 | AGMT. DTD. 9/1/09 | Liskov /Barbara H | 09/01/09 | 03/31/13 | 0 | 562,364 | 0 |
| | | 6923200 | C | P067952 | AGMT. DTD. 9/1/09 | Devadas /Srinivas | 09/01/10 | 08/31/11 | 0 | 180,801 | (0) |
| | | 6923201 | C | P067952 | AGMT. DTD. 9/1/09 | Zeldovich /Nickolai | 09/01/10 | 08/31/11 | 0 | 189,719 | 0 |
| | | 6924958 | C | P067952 | AGMT. DTD. 9/1/09 | Devadas /Srinivas | 09/01/11 | 08/31/13 | 0 | 199,791 | (0) |
| | | 6924959 | C | P067952 | AGMT. DTD. 9/1/09 | Jackson /Daniel | 09/01/11 | 08/31/12 | 0 | 199,295 | (0) |
| | | 6924960 | C | P067952 | AGMT. DTD. 9/1/09 | Jaffe /Jeffrey | 09/01/11 | 08/31/16 | 0 | 1,046,962 | (0) |
| | | 6929037 | C | P067952 | AGMT. DTD. 9/1/09 | Vaikuntanathan /Vinod | 09/01/13 | 08/31/14 | 0 | 158,464 | (0) |
| | | 6931065 | C | P067952 | AGMT. DTD. 9/1/09 | Clark /David D | 09/01/14 | 08/31/15 | 0 | 75,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **3,561,743** | **20,714** |
| 003904 BAE Systems Info & Electronic Systems Integration, Inc | 003904 BAE Systems Info & Electronic | 6938773 | C | P061097 | SUBCONTRACT 991829 | Cahoy /Kerri | 07/01/18 | 08/31/21 | 0 | 504,098 | 274 |
| | | 6938826 | C | P061093 | SUBCONTRACT 996610 | Hansman /Robert J | 07/01/18 | 12/31/22 | 108,386 | 499,673 | 24,774 |
| | **Total by Primary Sponsor** | | | | | | | | **108,386** | **1,003,770** | **25,048** |
| 003920 ExxonMobil Technology and Engineering Company | 003920 ExxonMobil Technology and Engineering Company | 6930982 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Armstrong /Robert C | 10/01/14 | 10/31/22 | 0 | 143,141 | (81,859) |
| | | 6931017 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Armstrong /Robert C | 10/01/14 | 06/30/20 | 0 | 0 | 0 |
| | | 6931962 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Ballinger /Ronald G | 06/15/15 | 06/14/16 | 0 | 43,974 | 0 |
| | | 6931963 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Ballinger /Ronald G | 06/15/15 | 06/14/16 | 0 | 149,210 | (0) |
| | | 6931964 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Ballinger /Ronald G | 06/15/15 | 06/14/16 | 0 | 30,254 | 0 |
| | | 6932441 | C | P320000 | EXXON MOBIL MEMBER AGMT 10/1/ | Anand /Lallit | 08/01/15 | 09/30/20 | 0 | 786,341 | 0 |
| | | 6932475 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Grossman /Jeffrey C. | 08/01/15 | 07/31/16 | 0 | 106,224 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932476 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Grossman /Jeffrey C. | 08/01/15 | 07/31/16 | 0 | 80,000 | (0) |
| | | 6932477 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Grossman /Jeffrey C. | 08/01/15 | 07/31/16 | 0 | 113,777 | (0) |
| | | 6932584 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Varanasi /Kripa | 09/01/15 | 08/31/19 | 0 | 453,158 | 0 |
| | | 6932622 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Jensen /Klavs F | 09/01/15 | 10/31/17 | 0 | 200,000 | (0) |
| | | 6932623 | C | P320000 | EM09079.TO09 | Braatz /Richard D | 09/01/15 | 03/31/18 | 0 | 199,819 | (0) |
| | | 6932628 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Ono /Shuhei | 09/01/15 | 11/30/18 | 0 | 681,930 | 0 |
| | | 6932671 | C | P320000 | EXXON MOBIL MEMBER AGMT 10/1/ | Li /Ju | 08/01/15 | 05/31/21 | (36,383) | 560,000 | (0) |
| | | 6932920 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Holten-Andersen /Niels | 10/01/15 | 05/31/19 | 0 | 199,540 | 0 |
| | | 6932931 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Wierzbicki /Tomasz | 10/01/15 | 09/30/17 | 0 | 199,807 | 0 |
| | | 6933096 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | McKinley /Gareth H | 09/01/15 | 08/31/19 | 0 | 495,708 | 0 |
| | | 6933120 | C | P320000 | EXXON-MOBIL MEMBER AGMNT 10/ | Herzog /Howard J | 10/01/15 | 12/31/18 | 0 | 570,139 | 0 |
| | | 6933121 | C | P320000 | EXXON-MOBIL MEMBER AGMNT 10/ | Paltsev /Sergey | 10/01/15 | 12/31/18 | 0 | 629,837 | 0 |
| | | 6933124 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Roman /Yuriy | 11/15/15 | 11/14/18 | 0 | 623,840 | 0 |
| | | 6933236 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Dinca /Mircea | 11/15/15 | 11/14/18 | 0 | 565,531 | 0 |
| | | 6933330 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Summons /Roger E | 12/01/15 | 11/30/17 | 0 | 213,731 | 0 |
| | | 6933399 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Williams /Brian C | 01/01/16 | 12/31/19 | 0 | 1,200,000 | (0) |
| | | 6933579 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Roman /Yuriy | 11/15/15 | 08/31/16 | 0 | 6,115 | 0 |
| | | 6934055 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Green /William H | 04/01/16 | 08/31/17 | 0 | 245,854 | (0) |
| | | 6934384 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Wierzbicki /Tomasz | 06/01/16 | 11/30/17 | 0 | 73,787 | 0 |
| | | 6934439 | C | P320000 | EXXON-MOBIL MEMBER AGMT EM1( | Hager /Bradford H | 07/14/16 | 04/30/17 | 0 | 125,000 | 0 |
| | | 6934443 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Green /William H | 04/01/16 | 03/31/17 | 0 | 14,529 | 0 |
| | | 6935222 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Grossman /Jeffrey C. | 09/01/16 | 10/31/19 | 0 | 858,860 | (0) |
| | | 6935223 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Leeb /Steven B | 08/01/16 | 06/01/20 | 0 | 910,822 | (0) |
| | | 6935300 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Surendranath /Yogesh | 09/01/16 | 05/31/17 | 0 | 60,000 | 0 |
| | | 6935531 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Leeb /Steven B | 08/01/16 | 07/31/18 | 0 | 60,000 | 0 |
| | | 6935565 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Ono /Shuhei | 01/01/17 | 11/30/18 | 0 | 56,510 | 0 |
| | | 6935637 | C | P320000 | EM09079.TO20 | Fang /Xuanlai | 09/01/16 | 08/31/20 | 0 | 394,106 | 0 |
| | | 6936156 | C | P320000 | EM09079.TO22 | Armstrong /Robert C | 02/01/17 | 01/31/20 | 0 | 857,465 | 0 |
| | | 6936238 | C | P320000 | EM09079.TO21 | Forsberg /Charles W | 01/01/17 | 12/31/18 | 0 | 360,000 | 0 |
| | | 6936424 | C | P320103 | EXXON-MOBIL MEMBER AGMT 10/1/ | Juanes /Ruben | 03/01/17 | 03/31/21 | 0 | 831,827 | (0) |
| | | 6936590 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Hager /Bradford H | 03/15/17 | 12/31/20 | 0 | 1,400,668 | (0) |
| | | 6936943 | C | P320103 | EXXON-MOBIL MEMBER AGMT 10/1/ | Hatton /Trevor Alan | 06/01/17 | 07/31/20 | 0 | 1,211,663 | 0 |
| | | 6937221 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Surendranath /Yogesh | 09/01/17 | 02/28/21 | 0 | 1,153,329 | 0 |
| | | 6937692 | C | P320000 | EM09079.TO27 | Ono /Shuhei | 12/01/17 | 04/30/19 | 0 | 224,684 | 0 |
| | | 6937900 | C | P320000 | EM09079.TO28 | Tasan /Cemal | 11/13/17 | 09/30/18 | 0 | 19,282 | (0) |
| | | 6938304 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Botterud /Audun | 03/01/18 | 03/31/22 | 8,690 | 392,754 | 0 |
| | | 6938547 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Botterud /Audun | 03/01/18 | 03/31/21 | 0 | 300,554 | (0) |
| | | 6939222 | C | P320000 | EM09079.TO32 | Demanet /Laurent | 09/01/18 | 08/31/21 | 0 | 392,679 | (0) |
| | | 6940033 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Roman /Yuriy | 11/01/18 | 01/31/20 | 0 | 147,698 | (0) |
| | | 6940337 | C | P320000 | LAW-2019-2918.TO35.3 | Goulthorpe /Mark | 12/01/18 | 10/31/22 | 22,577 | 300,000 | 95,200 |
| | | 6940401 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Smith /Zachary P | 01/01/19 | 12/31/21 | 4,809 | 600,266 | 0 |
| | | 6940424 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Shao-Horn /Yang | 01/01/19 | 06/30/20 | 0 | 198,796 | (0) |
| | | 6940565 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Kirchain /Randolph E | 01/01/19 | 02/29/20 | 0 | 193,960 | (0) |
| | | 6940637 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Paltsev /Sergey | 01/01/19 | 03/31/21 | 0 | 767,305 | (0) |
| | | 6940690 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Sarma /Sanjay E | 03/01/19 | 06/30/20 | 0 | 199,816 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940955 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Magee /Christopher L | 02/01/19 | 09/30/20 | 0 | 149,287 | (0) |
| | | 6941837 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Kulik /Heather Janine | 11/01/19 | 04/30/21 | 499 | 171,544 | (0) |
| | | 6941984 | C | P320000 | LAW-2019-2878 | Armstrong /Robert C | 10/01/19 | 09/30/24 | 0 | 5,256,184 | 5,256,184 |
| | | 6941994 | C | P320000 | LAW-2019-3699 | Barton /Paul I | 09/01/19 | 12/31/20 | 0 | 119,313 | (0) |
| | | 6942334 | C | P320000 | LAW-2019-2878/TO106 | Armstrong /Robert C | 02/01/19 | 10/31/22 | 150,783 | 1,422,337 | 152,900 |
| | | 6942444 | C | P320000 | LAW-2019-4054 | Roman /Yuriy | 01/01/20 | 06/30/20 | 0 | 63,357 | (0) |
| | | 6943182 | C | P320000 | LAW-2019-2878 | Olivetti /Elsa A | 02/01/20 | 03/31/22 | 183,997 | 455,264 | (8,830) |
| | | 6943404 | C | P320000 | LAW-2020-0633 | Shao-Horn /Yang | 05/01/20 | 04/30/23 | 142,465 | 842,044 | 514,640 |
| | | 6944163 | C | P320103 | LAW-2019-2878 | Hatton /Trevor Alan | 08/01/20 | 07/31/23 | 184,728 | 667,958 | 228,145 |
| | | 6944725 | C | P320000 | LAW-2019-3833 | Marzouk /Youssef M | 01/01/21 | 06/30/22 | 147,304 | 152,495 | 624 |
| | | 6944768 | C | P320000 | LAW-2020-1308 | Barton /Paul I | 01/01/21 | 08/31/21 | 44,099 | 128,852 | (0) |
| | | 6945079 | C | P320000 | LAW-2019-2878 | Paltsev /Sergey | 04/01/21 | 03/31/24 | 392,361 | 815,746 | 332,518 |
| | | 6945450 | C | P320000 | LAW-2021-0454/TO113 | Juanes /Ruben | 04/01/21 | 03/31/23 | 153,619 | 230,000 | 70,802 |
| | | 6945869 | C | P320000 | LAW-2021-0627 | Surendranath /Yogesh | 07/01/21 | 06/30/23 | 258,389 | 251,349 | (7,041) |
| | | 6946226 | C | P320000 | LAW-2021-0715 (TO117 TO LAW-201 | Hatton /Trevor Alan | 09/01/21 | 08/31/22 | 34,065 | 150,000 | 115,935 |
| | | 6946332 | C | P320000 | LAW-2021-0612 (TO115 TO LAW-201 | Brushett /Fikile R | 09/01/21 | 08/31/23 | 51,430 | 150,000 | 98,570 |
| | | 6946333 | C | P320000 | LAW-2021-0592 (TO114 TO LAW-201 | Hart /Anastasios John | 06/01/21 | 11/30/22 | 96,914 | 150,000 | 53,086 |
| | | 6946766 | C | P320000 | LAW-2021-1046 (TO118 TO LAW-201 | Hart /Anastasios John | 11/30/21 | 11/30/22 | 0 | 100,000 | 100,000 |
| | | 6946988 | C | P320000 | LAW-2022-0003 (TO119 TO LAW-201 | Smith /Zachary P | 01/01/22 | 12/31/23 | 41,980 | 297,493 | 255,512 |
| | | 6947100 | C | P320000 | TO120 TO LAW-2019-2878 | Mallapragada /Dharik Sanchan | 01/15/22 | 01/14/24 | 34,039 | 274,555 | 240,516 |
| | | 6947569 | C | P320103 | LAW-2019-2878 | Hatton /Trevor Alan | 05/12/22 | 11/21/22 | 3,899 | 16,800 | 12,901 |
| | | 6947848 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/ | Goulthorpe /Mark | 10/01/18 | 10/31/22 | 0 | 119,670 | 119,670 |
| | **Total by Primary Sponsor** | | | | | | | | **1,920,266** | **32,588,537** | **7,549,474** |
| 003964 Accenture LLP | 003964 Accenture, LLP | 6926863 | C | P063007 | PO#4501751689 | Simchi-Levi /David | 09/01/12 | 06/01/22 | 0 | 138,904 | 138,904 |
| | | 6927718 | C | P121012 | AGREEMENT DATED 9/1/12 | Zaman /Tauhid R | 02/01/13 | 05/31/14 | 0 | 70,724 | (0) |
| | | 6927719 | C | P063007 | AGMT DTD 9/1/12-ATTACHMENT B D | Amin /Saurabh | 02/01/13 | 10/31/14 | 0 | 99,986 | (0) |
| | | 6927720 | C | P063007 | AGMT DTD 9/1/12-ATTACHMENT B D | Simchi-Levi /David | 12/01/12 | 01/15/14 | 0 | 96,823 | (0) |
| | | 6927756 | C | P121152 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 09/01/12 | 12/31/21 | 0 | 700,000 | 26,075 |
| | | 6928026 | C | P063007 | AGREEMENT DATED 9/1/12 | Gonzalez /Marta C. | 01/04/13 | 01/31/15 | 0 | 100,730 | (0) |
| | | 6928271 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 07/01/13 | 06/30/16 | 0 | 448,409 | (0) |
| | | 6928401 | C | P121012 | AGREEMENT DATED 9/1/12 | Rudin /Cynthia | 06/15/13 | 09/30/14 | 0 | 100,000 | (0) |
| | | 6928402 | C | P121012 | AGREEMENT DATED 9/1/12 | Bertsimas /Dimitris J | 02/01/13 | 05/31/15 | 0 | 100,000 | 0 |
| | | 6928584 | C | P063007 | AGREEMENT DATED 9/1/12 | Williams /John R | 06/01/13 | 05/31/15 | 0 | 198,785 | 0 |
| | | 6928816 | C | P121012 | AGREEMENT DATED 9/1/12 | Farias /Vivek F. | 03/15/13 | 09/15/14 | 0 | 59,891 | 0 |
| | | 6928853 | C | P121012 | AGREEMENT DATED 9/1/12 | Perakis /Georgia | 09/01/13 | 02/28/15 | 0 | 100,000 | (0) |
| | | 6928885 | C | P320000 | MRA 9/1/2012; RPP 9/1/2013 | O'Sullivan /Francis Martin | 09/01/13 | 05/31/15 | 0 | 149,985 | (0) |
| | | 6929110 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 11/01/13 | 08/31/14 | 0 | 30,198 | (0) |
| | | 6929117 | C | P063007 | AGREEMENT DATED 9/1/12 | Osorio Pizano /Carolina | 09/01/13 | 08/31/14 | 0 | 125,092 | 0 |
| | | 6931033 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 09/01/14 | 05/31/16 | 0 | 187,348 | 0 |
| | | 6931034 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 09/01/14 | 05/31/16 | 0 | 153,901 | 0 |
| | | 6931045 | C | P121012 | AGREEMENT DATED 9/1/12 | Bertsimas /Dimitris J | 09/01/14 | 05/31/16 | 0 | 200,000 | 0 |
| | | 6931112 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 09/01/12 | 08/31/17 | 0 | 158,115 | 0 |
| | | 6932431 | C | P121012 | AGREEMENT DATED 7/21/15 | Perakis /Georgia | 09/01/15 | 06/30/17 | 0 | 125,000 | 0 |
| | | 6932450 | C | P122070 | AGREEMENT DATED 08/01/15 | Chen /Hui | 05/01/15 | 12/31/17 | 0 | 275,000 | (0) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932520 | C | P121012 | AGREEMENT DATED 9/1/12 | Rudin /Cynthia | 03/20/15 | 03/31/16 | 0 | 100,000 | 0 |
| | | 6932734 | C | P063007 | AGREEMENT DATED 9/1/12 | Simchi-Levi /David | 09/01/12 | 08/31/16 | 0 | 125,068 | 0 |
| | | 6934527 | C | P063007 | AGREEMENT DATED 07/20/2016 | Williams /John R | 08/01/16 | 06/30/18 | 0 | 125,000 | (0) |
| | | 6934901 | C | P063007 | PO# TBD | Simchi-Levi /David | 09/01/16 | 12/31/17 | 0 | 163,154 | 0 |
| | | 6935099 | C | P067952 | PO#4501751689 | Barzilay /Regina | 09/01/16 | 08/31/18 | 0 | 124,536 | (0) |
| | | 6935426 | C | P068700 | AGMT. DTD. 11/1/16 | Veeramachaneni /Kalyan | 11/01/16 | 11/30/20 | 3,295 | 1,488,843 | (0) |
| | | 6938241 | C | P091000 | AGMT DTD 3/9/18 | Autor /David H | 03/01/18 | 03/01/22 | 197,779 | 532,872 | (0) |
| | | 6941019 | C | P068700 | AGMT. DTD. 6/1/19 | Veeramachaneni /Kalyan | 08/01/19 | 12/31/20 | (3,434) | 500,000 | 3,310 |
| | | 6942217 | C | P063007 | PO#4501751689 | Williams /John R | 09/01/19 | 05/31/22 | 39,699 | 125,000 | (0) |
| | | 6942227 | C | P063007 | PO#4501751689 | Simchi-Levi /David | 09/01/19 | 05/31/21 | 0 | 118,432 | 0 |
| | | 6943521 | C | P063007 | PO# 6000639567 | Simchi-Levi /David | 06/22/20 | 06/21/21 | 3,633 | 199,919 | 0 |
| | | 6943602 | C | P063007 | PO#6000647990 | Simchi-Levi /David | 08/01/20 | 07/31/21 | 14,179 | 124,545 | 0 |
| | | 6945643 | C | P067952 | PO#4501751689 | Mueller /Stefanie | 05/10/21 | 06/01/22 | 131,935 | 130,000 | (1,935) |
| | | 6946354 | C | P067952 | | Mueller /Stefanie | 08/25/21 | 08/31/22 | 94,794 | 120,000 | 25,206 |
| | | 6946355 | C | P063007 | | Simchi-Levi /David | 09/01/21 | 08/31/22 | 0 | 200,000 | 200,000 |
| | | 6946356 | C | P405028 | | Gabrieli /John D. E. | 10/01/21 | 09/30/22 | 99,921 | 150,000 | 50,079 |
| | | 6946987 | C | P060300 | AMENDED AND RESTATED MASTER | Shah /Julie A | 10/29/21 | 06/15/22 | 35,949 | 82,670 | 46,721 |
| | **Total by Primary Sponsor** | | | | | | | | **617,749** | **8,028,930** | **488,360** |
| 003999 Multi-Source | 003999 Multi-Source | 6930771 | C | P063075 | MASTER RESEARCH AGREEMENT 0 | Ulm /Franz-Josef | 09/01/14 | 08/31/24 | 0 | 23,801 | 23,801 |
| | | 6940214 | C | P417500 | MASTER RESEARCH AGREEMENT 0 | Kirchain /Randolph E | 01/01/19 | 08/31/19 | 0 | 34,580 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **58,381** | **23,801** |
| 004002 Omron Corporation | 004002 Omron Corporation | 6938309 | C | P067952 | AGMT. DTD. 04/01/2018 | Katabi /Dina | 04/01/18 | 03/31/22 | 436,885 | 650,000 | (70,809) |
| | | 6944761 | C | P067952 | AGMT. DTD. 04/01/2018 | Katabi /Dina | 04/01/18 | 03/31/22 | 50,678 | 250,000 | 70,544 |
| | **Total by Primary Sponsor** | | | | | | | | **487,563** | **900,000** | **(265)** |
| 004012 Oracle America, Inc. | 004012 Oracle America, Inc. | 6942048 | C | P121012 | PROJECT #3, AGMT DTD. 11/1/19 | Perakis /Georgia | 11/01/19 | 01/15/23 | 0 | 100,000 | 0 |
| | | 6945719 | C | P121012 | PROJECT #3, AGMT DTD. 11/1/19 | Perakis /Georgia | 07/01/21 | 01/15/23 | 67,681 | 100,000 | 32,319 |
| | **Total by Primary Sponsor** | | | | | | | | **67,681** | **200,000** | **32,319** |
| 004090 Pfizer Incorporated | 004090 Pfizer Incorporated | 6899047 | C | P067952 | AGMT EFF 1/1/06 | Davis /Randall | 01/01/06 | 12/31/22 | 0 | 640,898 | 263,506 |
| | | 6923880 | C | P402010 | PO# 8502487395/P.O. 8500217453 | Love /John C | 05/04/11 | 12/31/22 | 0 | 527,069 | (6,342) |
| | | 6929088 | C | P402010 | P.O. 8500217453 | Love /John C | 12/17/13 | 08/28/20 | 0 | 811,499 | (0) |
| | | 6934963 | C | P067952 | PO# 8501224430 | Kellis /Manolis | 09/01/16 | 08/31/18 | (6,854) | 2,000,000 | (0) |
| | | 6940050 | C | P062000 | PO# 8502072909 | Jensen /Klavs F | 12/12/18 | 12/11/20 | 1 | 128,257 | (0) |
| | | 6942256 | C | P062000 | RESEARCH AGREEMENT DATED TB | Jensen /Klavs F | 12/01/19 | 12/31/22 | 123,667 | 270,000 | 48,333 |
| | | 6942455 | C | P402010 | PO#8502487395 | Love /John C | 12/19/19 | 12/31/22 | 581,263 | 1,500,427 | 621,212 |
| | | 6944605 | C | P402000 | PO# 8502864140/AGREEMENT DATE | Birnbaum /Michael E | 12/11/20 | 12/10/22 | 179,039 | 311,370 | 110,474 |
| | | 6945198 | C | P402000 | AGREEMENT EFFECTIVE 4/5/21 | Koehler /Angela Nicole | 04/05/21 | 04/04/23 | 415,971 | 591,574 | 170,287 |
| | | 6946730 | C | P402000 | PO# 8503254016/AGREEMENT DATE | White /Forest M | 12/15/21 | 12/14/23 | 98,989 | 759,000 | 660,011 |
| | **Total by Primary Sponsor** | | | | | | | | **1,392,075** | **7,540,094** | **1,867,481** |



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**Massachusetts Institute of Technology**
**Research Expenditures by Primary Sponsor**
**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 004096 Philips Research Laboratory | 004096 Philips Researc | 6932823 | C | P061901 | EFF 5/19/15 - MASTER RESEARCH C | Mark /Roger G | 07/02/15 | 12/31/21 | 153,314 | 719,803 | 12 |
| | **Total by Primary Sponsor** | | | | | | | | **153,314** | **719,803** | **12** |
| 004150 Pratt & Whitney | 006169 Indian Institute ( | 6940405 | C | P065004 | AGMT DTD. 3/25/19 | Ghoniem /Ahmed F | 01/15/18 | 06/30/20 | 7,439 | 59,628 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **7,439** | **59,628** | **0** |
| 004212 Japan Science and Technology Corporation (JST) | 007667 University of To | 6946453 | C | P154500 | AGMNT EFF 04/01/21 | Struhl /Melissa Kline | 04/01/21 | 03/31/22 | 8,452 | 10,000 | 1,548 |
| | **Total by Primary Sponsor** | | | | | | | | **8,452** | **10,000** | **1,548** |
| 004237 Samsung | 004237 Samsung | 6936960 | C | P067952 | AGREEMENT DATED 9/1/17 | Torralba /Antonio | 09/01/17 | 08/31/18 | 54 | 108,061 | (0) |
| | | 6938909 | C | P065004 | GRO RESEARCH AGREEMENT DATE | Hogan /Neville | 07/01/18 | 06/30/21 | (3,632) | 300,000 | (0) |
| | | 6939580 | C | P065004 | GRO RESEARCH AGREEMENT DATE | Kim /Jeehwan | 10/01/18 | 03/31/21 | (19,541) | 300,000 | (0) |
| | | 6942394 | C | P065004 | AGMT DTD 12/16/19 | Kim /Jeehwan | 12/16/19 | 12/15/22 | 83,562 | 390,000 | 172,306 |
| | **Total by Primary Sponsor** | | | | | | | | **60,443** | **1,098,061** | **172,306** |
| 004329 Semiconductor Research Corporation | 004329 Semiconductor Research Corporation | 6938795 | C | P060600 | 2018-LM-2832 | del Alamo /Jesus A | 07/01/18 | 06/30/21 | 888 | 263,498 | (0) |
| | | 6942101 | C | P060600 | 2020-LM-2963 | Palacios /Tomas | 01/01/20 | 12/31/22 | 143,842 | 255,000 | 16,929 |
| | | 6942236 | C | P060600 | 2020-AH-2944 | Han /Song | 01/01/20 | 12/31/22 | 94,596 | 270,000 | 52,037 |
| | | 6943996 | C | P268001 | 2020-LM-3000 | del Alamo /Jesus A | 10/01/20 | 12/21/22 | 104,917 | 200,000 | 56,984 |
| | | 6944004 | C | P268001 | 2020-LM-3003 | Liu /Luqiao | 10/01/20 | 12/31/22 | 125,838 | 200,000 | 25,497 |
| | | 6944202 | C | P067952 | 2020-AH-2985 | Sanchez Martin /Daniel | 09/01/20 | 12/31/22 | 98,923 | 220,000 | 37,364 |
| | | 6944214 | C | P068000 | 2021-LM-3010 | Yildiz /Bilge | 01/01/21 | 12/31/22 | 105,435 | 175,000 | 44,914 |
| | | 6944429 | C | P417500 | 2021-NM-3027 | Jaramillo /Rafael | 01/01/21 | 12/31/22 | 27,833 | 87,376 | 47,888 |
| | | 6944532 | C | P417500 | 2021-NM-3027 | Ross /Frances Mary | 01/01/21 | 12/31/22 | 50,014 | 79,624 | 29,610 |
| | 007180 Purdue Universi | 6938271 | C | P400600 | 40001859-026 | DiCarlo /James | 01/01/18 | 12/31/22 | 277,899 | 1,250,000 | 184,586 |
| | | 6938391 | C | P400600 | 40001859-026 | Poggio /Tomaso A | 01/01/18 | 12/31/22 | 133,383 | 1,250,000 | 358,453 |
| | 007617 University of Minnesota | 6940054 | C | P066000 | A007462901 | Ross /Caroline A | 10/01/18 | 12/31/22 | 24,455 | 234,839 | 0 |
| | | 6940183 | C | P066000 | A007462901 | Beach /Geoffrey Stephen | 10/01/18 | 12/31/19 | 0 | 244,531 | 0 |
| | | 6940184 | C | P060600 | A007462901 | Liu /Luqiao | 10/01/18 | 12/31/19 | 0 | 150,430 | (0) |
| | | 6942390 | C | P066000 | A007462901 | Ross /Caroline A | 01/01/20 | 12/31/20 | 0 | 160,702 | 0 |
| | | 6942446 | C | P066000 | A007462901 | Beach /Geoffrey Stephen | 01/01/20 | 12/31/20 | 0 | 128,400 | 0 |
| | | 6942447 | C | P060600 | A007462901 | Liu /Luqiao | 09/01/19 | 12/31/20 | 0 | 114,185 | 0 |
| | | 6945037 | C | P066000 | A007462901 | Ross /Caroline A | 01/01/21 | 12/31/21 | 51,144 | 163,914 | 0 |
| | | 6945038 | C | P066000 | A007462901 | Beach /Geoffrey Stephen | 01/01/21 | 12/31/21 | 102,423 | 210,710 | 285 |
| | | 6945039 | C | P060600 | A007462901 | Liu /Luqiao | 01/01/21 | 12/31/21 | 113,190 | 125,067 | (0) |
| | | 6946950 | C | P066000 | A007462901 | Ross /Caroline A | 01/01/22 | 12/31/22 | 72,628 | 140,545 | 67,916 |
| | | 6946951 | C | P066000 | A007462901 | Beach /Geoffrey Stephen | 01/01/22 | 12/31/22 | 125,858 | 127,062 | 1,203 |
| | | 6946952 | C | P066000 | A007462901 | Liu /Luqiao | 01/01/22 | 12/31/22 | 73,006 | 99,614 | 26,608 |
| | **Total by Primary Sponsor** | | | | | | | | **1,726,272** | **6,150,498** | **950,274** |
| 004332 Shell Global Solutions | 004332 Shell Global Solutions | 6925635 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Williams /John R | 03/01/12 | 04/30/17 | 0 | 568,600 | (0) |
| | | 6933024 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Williams /John R | 09/01/15 | 08/31/16 | 0 | 60,000 | (0) |
| | | 6944492 | C | P069500 | | Caplice /Christopher | 11/01/20 | 08/15/21 | 28,743 | 100,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **28,743** | **728,600** | **0** |
| 004334 Siemens Ag | 004334 Siemens Ag | 6202600 | C | P400600 | AGREEMENT DATED 6/13/94 | Poggio /Tomaso A | 07/01/93 | 12/31/22 | 0 | 0 | (307) |
| | | 6202800 | C | P068600 | AGREEMENT DATED 5/30/94 | Rivest /Ronald L | 01/01/94 | 12/31/14 | 0 | 87,505 | 0 |
| | | 6202900 | C | P068600 | AGREEMENT DATED 5/30/94 | Zue /Victor Waito | 01/01/94 | 10/31/97 | (20) | 37,500 | (0) |
| | | 6203200 | C | P154500 | AGREEMENT DATED 6/13/94 | Jordan /Michael I | 10/01/93 | 12/31/14 | 0 | 50,000 | 0 |
| | | 6203300 | C | P068600 | AGREEMENT DATED 5/30/94 | Rivest /Ronald L | 10/01/93 | 02/28/95 | 0 | 49,837 | (0) |
| | | 6203400 | C | P400600 | AGREEMENT DATED 6/13/94 | Poggio /Tomaso A | 10/01/93 | 12/31/22 | 0 | 100,000 | (0) |
| | | 6326500 | C | P154500 | AGREEMENT DATED 6/13/94 | Jordan /Michael I | 10/01/94 | 12/31/14 | 0 | 50,000 | 1,395 |
| | | 6326600 | C | P400600 | AGREEMENT DATED 6/13/94 | Poggio /Tomaso A | 10/01/94 | 12/31/22 | 2,591 | 100,000 | (1) |
| | **Total by Primary Sponsor** | | | | | | | | **2,570** | **474,843** | **1,087** |
| 004356 Sony Corporation | 004356 Sony Corporatic | 6943722 | C | P067952 | PO 4200498073 | Sanchez Martin /Daniel | 08/01/20 | 07/31/21 | (13,548) | 100,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(13,548)** | **100,000** | **(0)** |
| 004381 Sumitomo Heavy Industries Limited | 004381 Sumitomo Heav Industries Limited | 6927577 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 04/01/13 | 05/31/23 | 173,832 | 2,466,116 | 401,916 |
| | | 6928687 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 09/17/13 | 08/14/14 | 0 | 14,205 | 0 |
| | | 6930198 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 07/23/14 | 08/31/15 | 0 | 9,993 | 0 |
| | | 6930305 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 07/10/14 | 03/31/15 | 0 | 7,805 | 0 |
| | | 6931064 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 10/28/14 | 03/31/15 | 0 | 20,850 | 0 |
| | | 6931673 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 03/09/15 | 06/30/16 | 0 | 21,976 | 0 |
| | | 6931887 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 05/01/15 | 12/01/16 | 0 | 21,041 | 0 |
| | | 6933163 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 11/01/15 | 05/09/17 | 0 | 13,050 | 0 |
| | | 6933439 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 04/01/15 | 03/31/19 | 0 | 10,706 | 0 |
| | | 6937510 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 09/20/17 | 03/31/19 | 0 | 30,277 | 0 |
| | | 6938964 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 07/01/18 | 03/01/19 | 0 | 10,815 | 0 |
| | | 6941094 | C | P065004 | AGMT DTD TBD | Krebs /Hermano I | 07/04/19 | 05/31/23 | 344,198 | 1,176,099 | 367,370 |
| | | 6941195 | C | P065004 | AGMT DTD 6/1/19 | Krebs /Hermano I | 07/04/19 | 05/31/22 | 8,891 | 50,000 | 19,450 |
| | | 6941772 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 09/22/19 | 05/31/22 | 1,008 | 35,164 | 0 |
| | | 6944061 | C | P065004 | AGMT. DTD. 4/1/13 | Asada /Haruhiko | 09/21/20 | 05/31/23 | 13,026 | 38,000 | 1,605 |
| | **Total by Primary Sponsor** | | | | | | | | **540,954** | **3,926,099** | **790,341** |
| 004418 Steelcase, Incorporated | 004418 Steelcase, Incor | 6943782 | C | P063007 | AGREEMENT EFFECTIVE 06/03/20 | Bourouiba /Lydia | 07/01/20 | 09/30/21 | 12,509 | 150,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **12,509** | **150,000** | **0** |
| 004429 Tetrapak | 004429 Tetrapak | 6944650 | C | P065004 | PO 700233025 | Anthony /Brian | 01/01/21 | 07/15/22 | 102,958 | 200,000 | 56,563 |
| | **Total by Primary Sponsor** | | | | | | | | **102,958** | **200,000** | **56,563** |
| 004469 Toppan Printing Company, Limited | 004469 Toppan Printing Company, Limited | 6946715 | C | P039010 | AGREEMENT DATED 10/06/21 | Ishii /Hiroshi | 10/01/21 | 03/31/23 | 7,239 | 50,000 | 42,761 |
| | | 6946721 | C | P039010 | AGREEMENT DATED 10/06/21 | Ishii /Hiroshi | 10/01/21 | 03/31/23 | 2,300 | 40,000 | 37,700 |
| | **Total by Primary Sponsor** | | | | | | | | **9,539** | **90,000** | **80,461** |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 004487 The Wellcome Trust | 004487 The Wellcome T | 6945036 | C | P060051 | 222396/Z/21/Z | Barzilay /Regina | 03/15/21 | 03/14/24 | 210,424 | 2,342,071 | 2,102,544 |
| | **Total by Primary Sponsor** | | | | | | | | **210,424** | **2,342,071** | **2,102,544** |
| 004534 Samsung Advanced Institute of Technology | 004534 Samsung Advanced Institute of Technology | 6923989 | C | P066000 | MASTER RESEARCH AGREEMENT: , | Ceder /Gerbrand | 06/01/11 | 06/30/18 | (71) | 0 | 0 |
| | | 6938920 | C | P159900 | AGMT DATED 1 JULY 2018 | Harrow /Aram W. | 07/01/18 | 06/30/22 | 317,811 | 1,350,000 | 7,784 |
| | | 6939411 | C | P060600 | AGMT. DTD. 09/11/2018 | Palacios /Tomas | 09/01/18 | 06/30/21 | (15,883) | 399,523 | (0) |
| | | 6940621 | C | P417500 | AGRMT DATED 1/15/19 | Rupp /Jennifer Lilia Marguerit | 01/15/19 | 09/30/21 | 48,609 | 750,000 | 23,122 |
| | | 6942458 | C | P060601 | AGMT DATED 12/23/2019 | Shulaker /Max M. | 12/23/19 | 06/23/21 | 0 | 150,000 | 55,890 |
| | | 6943114 | C | P152000 | SRA DTD 5/6/20 | Bawendi /Moungi G | 03/15/20 | 04/30/22 | 270,601 | 800,000 | (2,442) |
| | | 6943186 | C | P267500 | AGMT DTD. 5/6/2020 | Bulovic /Vladimir | 03/15/20 | 04/30/22 | 345,498 | 800,000 | 7,238 |
| | | 6946711 | C | P065004 | AGMT EFF 3/1/22 | Kolle /Mathias | 01/01/22 | 12/31/22 | 38,029 | 150,000 | 111,971 |
| | | 6946739 | C | P267500 | | Baldo /Marc A | 12/01/21 | 11/30/22 | 40,453 | 150,000 | 109,547 |
| | **Total by Primary Sponsor** | | | | | | | | **1,045,046** | **4,549,523** | **313,109** |
| 004570 Toyota Motor Corporation | 004570 Toyota Motor C | 6946883 | C | P066000 | AGRMT EFFECTIVE 02/14/2022 | Gomez-Bombarelli /Rafael | 02/14/22 | 03/31/23 | 0 | 81,304 | 81,304 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **81,304** | **81,304** |
| 004625 Pratt & Whitney: A United Technologies Company | 004625 Pratt & Whitney | 6946710 | C | P061094 | 29102-MIT | Barrett /Steven R. H. | 11/15/21 | 11/14/22 | 97,695 | 150,000 | 52,305 |
| | **Total by Primary Sponsor** | | | | | | | | **97,695** | **150,000** | **52,305** |
| 004635 United Parcel Service | 004635 United Parcel S | 6939134 | C | P069500 | AGREEMENT DTTD 8/1/18 | Sheffi /Yosef | 08/01/18 | 06/30/21 | 52,176 | 1,390,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **52,176** | **1,390,000** | **(0)** |
| 004737 The Carnegie Corporation of New York | 004737 The Carnegie C | 6947806 | C | P093800 | G-22-59346 | Klopfer /Eric | 06/01/22 | 06/30/23 | 0 | 312,500 | 312,500 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **312,500** | **312,500** |
| 004758 The Walt Disney Corporatio | 004758 The Walt Disne | 6946153 | C | P065004 | AGREEMENT NO. 21061R, CONTRAC | Kim /Sangbae | 10/01/21 | 09/30/22 | 0 | 300,000 | 300,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **300,000** | **300,000** |
| 004817 Millennium Pharmaceuticals, Incorporated | 004817 Millennium Pharmaceuticals, Incorporated | 6935994 | C | P039010 | AGREEMENT DATED 3/17/17 | Picard /Rosalind W. | 02/01/17 | 06/30/20 | 0 | 806,098 | (0) |
| | | 6944645 | C | P062000 | AGMT EFFECTIVE 12/15/2020 | Myerson /Allan S. | 01/04/21 | 01/03/23 | 228,776 | 728,744 | 332,365 |
| | **Total by Primary Sponsor** | | | | | | | | **228,776** | **1,534,842** | **332,365** |
| 004866 Mitsubishi Electric Corporation | 004866 Mitsubishi Electric Corporation | 6935601 | C | P154500 | RESEARCH AGREEMENT EFFECTIV | Tenenbaum /Joshua B | 10/01/16 | 12/31/22 | 299,840 | 1,150,000 | 118,194 |
| | | 6947835 | C | P061096 | AGMT DTD 9/1/22 | Linares /Richard | 09/01/22 | 11/30/22 | 0 | 40,000 | 40,000 |
| | **Total by Primary Sponsor** | | | | | | | | **299,840** | **1,190,000** | **158,194** |
| 004886 YPF TECNOLOGIA S.A. | 004886 YPF TECNOLOGIA S.A. | 6940279 | C | P063007 | TBD | Einstein /Herbert H | 02/01/19 | 12/31/22 | 28,124 | 227,609 | 17,974 |
| | | 6940629 | C | P065004 | SRA DTD. 04/16/2019 | Hunter /Ian | 04/16/19 | 08/31/21 | 102,202 | 125,000 | 2,812 |
| | | 6941297 | C | P152000 | SRA DTD. 04/16/2019 | Swager /Timothy M | 04/16/19 | 08/31/21 | (7,479) | 125,000 | (66) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **122,847** | **477,609** | **20,720** |
| 004939 Glaxo Smith Kline | 004939 Glaxo Smith Klir | 6935803 | C | P039010 | PO 3000738523/CO 3000031276 | Larson /Kent | 12/01/16 | 11/30/18 | 0 | 299,958 | 0 |
| | | 6938350 | C | P267110 | PO# 6600034550 | Voldman /Joel | 04/01/18 | 08/31/21 | 19,017 | 441,499 | 0 |
| | | 6938441 | C | P061901 | PO#6600037234 | Shalek /Alexander K | 08/20/18 | 08/30/21 | 37,375 | 450,000 | (23,710) |
| | | 6943754 | C | P151002 | 3000036750 GSK | Schwartz /Thomas | 10/01/20 | 09/30/22 | 128,532 | 300,000 | 73,811 |
| | | 6943756 | C | P069201 | 3000036749 GSK | Fraenkel /Ernest | 10/01/20 | 09/30/22 | 139,370 | 300,000 | 69,448 |
| | | 6943785 | C | P165000 | 3000036748 GSK | Essigmann /John M | 06/01/20 | 05/31/23 | 125,042 | 300,000 | 50,484 |
| | **Total by Primary Sponsor** | | | | | | | | **449,335** | **2,091,456** | **170,032** |
| 004967 Adidas America | 004967 Adidas America | 6936520 | C | P065004 | PO 4900535915 | Hosoi /Anette E | 09/01/17 | 08/30/22 | 49,048 | 320,311 | (79) |
| | | 6940244 | C | P065004 | PO4500596847 | Hosoi /Anette E | 01/01/19 | 08/30/22 | 11,096 | 130,684 | 0 |
| | | 6940408 | C | P065004 | AGREEMENT DTD 3/5/19 | Hosoi /Anette E | 01/01/19 | 07/31/20 | (2,269) | 108,689 | (0) |
| | | 6946121 | C | P031000 | AGMT EFF 09/02/2021 | Tibbits /Skylar | 08/01/21 | 07/31/22 | 74,280 | 139,224 | 64,944 |
| | | 6946476 | C | P065004 | PO#4500897090/VND# 9999006575 | Hosoi /Anette E | 09/01/21 | 02/28/23 | 672 | 154,730 | 154,058 |
| | **Total by Primary Sponsor** | | | | | | | | **132,827** | **853,638** | **218,924** |
| 004999 Multi-Sponsored Consortium | 004999 Multi-Sponsored Consortium | 6264400 | C | P067971 | MASTER AGREEMENT | Berners-Lee /Timothy J | 10/01/94 | 06/30/23 | 337,530 | 59,489,561 | 39,376,885 |
| | | 6344000 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 01/01/95 | 12/31/24 | 0 | 555,123 | 354,839 |
| | | 6344100 | C | P069501 | CONSORTIUM AGMT | Sheffi /Yosef | 01/01/95 | 12/31/24 | 28,182 | 1,857,069 | 11,897 |
| | | 6345400 | C | P069501 | MASTER AGREEMENT | Malone /Thomas W | 03/01/98 | 12/31/04 | 0 | 150,000 | (0) |
| | | 6345500 | C | P069501 | MASTER AGREEMENT | Sheffi /Yosef | 06/01/98 | 12/31/00 | 0 | 15,258 | 0 |
| | | 6345600 | C | P069501 | MASTER AGREEMENT | Jap /Sandy D | 08/01/99 | 12/31/01 | 0 | 2,561 | 0 |
| | | 6345700 | C | P069501 | MASTER AGREEMENT | Rice /James B | 01/01/03 | 12/31/24 | 0 | 140,000 | 4,117 |
| | | 6827886 | C | P320000 | MITEI MEMBERSHIP SEED | Donaldson /David John | 06/01/13 | 05/31/14 | 0 | 57,237 | (0) |
| | | 6869300 | C | P061093 | MASTER AGREEMENT | Belobaba /Peter P | 07/01/99 | 12/31/23 | 343,132 | 6,278,250 | 135,032 |
| | | 6885000 | C | P320000 | MASTER AGREEMENT | Wong /Victor W | 08/31/99 | 05/31/01 | 0 | 31,696 | 0 |
| | | 6890652 | C | P067914 | MASTER AGREEMENT | Glatman /Elena | 05/01/00 | 06/30/22 | 0 | 493,108 | (558) |
| | | 6890984 | C | P067952 | MASTER AGREEMENT | Zue /Victor Waito | 07/01/00 | 06/30/22 | 0 | 3,479,100 | 195 |
| | | 6891091 | C | P068600 | MULTI-SPONSOR | Ackerman /Mark S | 05/01/00 | 04/30/02 | 0 | 55,297 | 0 |
| | | 6891092 | C | P067952 | MULTI-SPONSOR | Agarwal /Anant | 05/01/00 | 12/31/22 | 0 | 875,976 | 147,726 |
| | | 6891093 | C | P067952 | MULTI-SPONSOR | Amarasinghe /Saman P | 05/01/00 | 06/30/06 | 0 | 375,000 | 0 |
| | | 6891094 | C | P067952 | MULTI-SPONSOR | Asanovic /Krste | 05/01/00 | 06/30/07 | 0 | 150,000 | 0 |
| | | 6891095 | C | P067952 | MULTI-SPONSOR | Balakrishnan /Hari | 05/01/00 | 06/30/04 | 0 | 100,000 | 0 |
| | | 6891096 | C | P067952 | MULTI-SPONSOR | Clark /David D | 05/01/00 | 06/30/06 | 0 | 100,000 | 0 |
| | | 6891097 | C | P067952 | MULTI-SPONSOR | Devadas /Srinivas | 05/01/00 | 06/30/10 | 0 | 1,016,644 | (0) |
| | | 6891098 | C | P067952 | MULTI-SPONSOR | Dorsey /Julie | 05/01/00 | 06/30/05 | 0 | 300,000 | (0) |
| | | 6891099 | C | P067952 | MULTI-SPONSOR | Gifford /David K | 05/01/00 | 06/30/14 | 0 | 50,000 | (0) |
| | | 6891100 | C | P068600 | MULTI-SPONSOR | Guttag /John V | 05/01/00 | 04/30/03 | 0 | 49,999 | 0 |
| | | 6891101 | C | P067952 | MULTI-SPONSOR | Karger /David R | 05/01/00 | 06/30/06 | 0 | 349,849 | 0 |
| | | 6891102 | C | P067952 | MULTI-SPONSOR | Kaashoek /M. Frans | 05/01/00 | 12/31/22 | 0 | 464,194 | 2,069 |
| | | 6891103 | C | P068600 | MULTI-SPONSOR | Lynch /Nancy Ann | 05/01/00 | 06/30/02 | 0 | 49,991 | (0) |
| | | 6891104 | C | P067952 | MULTI-SPONSOR | Morris /Robert Tappan | 05/01/00 | 06/30/06 | 0 | 305,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6891105 | C | P067952 | MULTI-SPONSOR | Rinard /Martin C | 05/01/00 | 06/30/20 | 0 | 150,000 | 0 |
| | | 6891106 | C | P067952 | MULTI-SPONSOR | Rivest /Ronald L | 05/01/00 | 06/30/10 | 0 | 344,932 | (0) |
| | | 6891107 | C | P067952 | MULTI-SPONSOR | Szolovits /Peter | 05/01/00 | 06/30/16 | 0 | 100,322 | 0 |
| | | 6891108 | C | P067952 | MULTI-SPONSOR | Ward /Stephen A | 05/01/00 | 06/30/08 | 0 | 850,000 | 0 |
| | | 6891109 | C | P067952 | MULTI-SPONSOR | Glass /James R | 05/01/00 | 06/30/07 | 0 | 2,723,966 | 0 |
| | | 6891110 | C | P067952 | MULTI-SPONSOR | Darrell /Trevor J | 05/01/00 | 06/30/08 | 0 | 908,561 | 0 |
| | | 6891111 | C | P067952 | MULTI-SPONSOR | Grimson /William E | 05/01/00 | 06/30/03 | 0 | 200,000 | (0) |
| | | 6891112 | C | P067952 | MULTI-SPONSOR | Grimson /William E | 05/01/00 | 06/30/03 | 0 | 100,000 | 0 |
| | | 6891113 | C | P067952 | MULTI-SPONSOR | Shrobe /Howard E | 05/01/00 | 06/30/08 | 0 | 1,571,561 | (0) |
| | | 6891114 | C | P067952 | MULTI-SPONSOR | Katz /Boris | 05/01/00 | 06/30/14 | 0 | 484,999 | (0) |
| | | 6891115 | C | P067952 | MULTI-SPONSOR | Davis /Randall | 05/01/00 | 06/30/08 | 0 | 1,287,000 | (0) |
| | | 6891116 | C | P067952 | MULTI-SPONSOR | Lozano-Perez /Tomas | 05/01/00 | 03/31/04 | 0 | 50,000 | 0 |
| | | 6891117 | C | P067952 | MULTI-SPONSOR | Jaakkola /Tommi S | 05/01/00 | 06/30/03 | 0 | 50,000 | 0 |
| | | 6891118 | C | P067952 | MULTI-SPONSOR | Brooks /Rodney Allen | 05/01/00 | 06/30/03 | 0 | 150,000 | 0 |
| | | 6891562 | C | P067952 | OXYGEN PARTNERSHIP-DURLACH | Durlach /Nathaniel I | 05/01/00 | 06/30/03 | 0 | 50,000 | (0) |
| | | 6891754 | C | P069880 | CONSORTIUM EXPENSE | Kimerling /Lionel C | 01/01/01 | 12/31/22 | 0 | 1,360,027 | 843,298 |
| | | 6892681 | C | P067914 | MULTI SPONSOR | Glatman /Elena | 07/01/01 | 06/30/22 | 0 | 1,648,937 | 10,862 |
| | | 6892682 | C | P068600 | MULTI SPONSOR | Agarwal /Anant | 07/01/01 | 04/30/03 | 0 | 199,024 | 0 |
| | | 6892683 | C | P067952 | MULTI SPONSOR | Balakrishnan /Hari | 07/01/01 | 06/30/06 | 0 | 440,004 | 0 |
| | | 6892684 | C | P067952 | MULTI SPONSOR | Demaine /Erik D | 07/01/01 | 06/30/06 | 0 | 50,000 | (0) |
| | | 6892685 | C | P067952 | MULTI SPONSOR | Edelman /Alan | 07/01/01 | 03/31/04 | 0 | 50,000 | (0) |
| | | 6892686 | C | P067952 | MULTI SPONSOR | Ernst /Michael D | 07/01/01 | 06/30/06 | 0 | 50,000 | (0) |
| | | 6892687 | C | P067952 | MULTI SPONSOR | McMillan /Leonard | 07/01/01 | 06/30/08 | 0 | 199,657 | (0) |
| | | 6892688 | C | P067952 | MULTI SPONSOR | Rogel /Larry | 07/01/01 | 06/30/08 | 0 | 868,402 | (0) |
| | | 6892689 | C | P067952 | MULTI SPONSOR | Poggio /Tomaso A | 07/01/01 | 03/10/11 | 0 | 416,087 | (0) |
| | | 6892696 | C | P067952 | MULTI SPONSOR | Guttag /John V | 07/01/01 | 06/30/17 | 0 | 537,941 | (0) |
| | | 6892697 | C | P067952 | MULTI SPONSOR | Garland /Stephen J | 07/01/01 | 06/30/06 | 0 | 49,968 | (0) |
| | | 6892771 | C | P069880 | CONSORTIUM EXPENSE | Ram /Rajeev J | 01/01/01 | 08/31/04 | 0 | 266,106 | 0 |
| | | 6892784 | C | P069880 | CONSORTIUM EXPENSE | Kimerling /Lionel C | 01/01/01 | 12/31/03 | 0 | 0 | 0 |
| | | 6892930 | C | P067952 | MULTI-SPONSORED CONSORTIUM | Agarwal /Anant | 07/01/01 | 06/30/06 | 0 | 2,494,244 | 0 |
| | | 6892931 | C | P067952 | MULTI-SPONSORED CONSORTIUM | Brooks /Rodney Allen | 07/01/01 | 09/30/03 | 0 | 445,241 | 0 |
| | | 6893174 | C | P267600 | CONSORTIUM EXPENSE | Joannopoulos /John | 02/01/02 | 12/31/02 | 0 | 75,686 | (0) |
| | | 6893487 | C | P067952 | MASTER AGREEMENT | Agarwal /Anant | 06/03/02 | 06/30/06 | 0 | 366,203 | 0 |
| | | 6893732 | C | P067952 | MASTER AGREEMENT | Popovic /Jovan | 07/01/02 | 06/30/06 | 0 | 130,000 | (0) |
| | | 6893733 | C | P067952 | MASTER AGREEMENT | Clark /David D | 07/01/02 | 07/31/14 | 0 | 200,000 | (0) |
| | | 6893734 | C | P067952 | MASTER AGREEMENT | Kaashoek /M. Frans | 07/01/02 | 12/31/22 | 86,233 | 200,000 | (664) |
| | | 6894107 | C | P039020 | AGMT. DTD. 7/1/02 | Gershenfeld /Neil A | 09/01/02 | 02/28/25 | 141,692 | 2,897,936 | (392,433) |
| | | 6894200 | C | P039020 | AGMT. DTD. 7/1/02 | Chuang /Isaac | 09/01/02 | 12/31/07 | 0 | 0 | (192,963) |
| | | 6894201 | C | P039020 | AGMT. DTD. 7/1/02 | Gershenfeld /Neil A | 09/01/02 | 06/30/07 | 0 | 0 | (10) |
| | | 6894422 | C | P067952 | O2P: TAIWAN WORKSHOP FY03 | Rogel /Larry | 07/01/02 | 06/28/06 | 0 | 99,978 | (0) |
| | | 6895109 | C | P067952 | AGMT. DTD. 6/18/03 | Rogel /Larry | 07/01/03 | 06/28/06 | 0 | 199,973 | 0 |
| | | 6895182 | C | P067952 | - | Madden /Samuel R | 07/01/03 | 12/31/05 | 0 | 60,000 | 0 |
| | | 6895183 | C | P067952 | MULTI-SPONSOR | Long /William J | 07/01/03 | 06/30/06 | 0 | 129,988 | (0) |
| | | 6895184 | C | P067952 | MULTI-SPONSOR | Long /William J | 07/01/03 | 06/30/06 | 0 | 100,000 | (0) |
| | | 6895185 | C | P067952 | MULTI-SPONSOR | Leonard /John J | 07/01/03 | 06/30/08 | 0 | 188,070 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6895186 | C | P067952 | MULTI-SPONSOR | Barzilay /Regina | 07/01/03 | 12/31/22 | 0 | 70,000 | 62,967 |
| | | 6895187 | C | P067952 | MULTI-SPONSOR | Durand /Frederic | 07/01/03 | 06/30/07 | 0 | 248,964 | (0) |
| | | 6895188 | C | P067952 | MULTI-SPONSOR | Rus /Daniela L | 07/01/03 | 06/30/06 | 0 | 25,000 | 0 |
| | | 6895263 | C | P067952 | MULTI SPONSOR | Liskov /Barbara H | 07/01/03 | 06/30/06 | 0 | 50,000 | (0) |
| | | 6895281 | C | P067952 | MULTI SPONSOR | Katabi /Dina | 07/01/03 | 06/30/08 | 0 | 160,000 | 0 |
| | | 6895422 | C | P067952 | MULTI-SPONSOR | Devadas /Srinivas | 09/01/03 | 06/30/06 | 0 | 7,355 | 0 |
| | | 6896074 | C | P069880 | CONSORTIUM EXPENSE | Ross /Caroline A | 02/01/04 | 01/31/05 | 0 | 53,042 | (0) |
| | | 6896075 | C | P069880 | CONSORTIUM EXPENSE | Tuller /Harry L | 02/01/04 | 01/31/05 | 0 | 54,838 | (0) |
| | | 6896148 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Karger /David R | 07/01/03 | 06/30/06 | 0 | 338,996 | (0) |
| | | 6896647 | C | P067952 | MULTI-SPONSORED CONSORTIUM | Steele /Kenneth M | 07/01/04 | 12/31/04 | 0 | 4,414 | 0 |
| | | 6896728 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Balakrishnan /Hari | 07/01/04 | 06/30/07 | 0 | 280,000 | (0) |
| | | 6897385 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Brooks /Rodney Allen | 01/01/05 | 06/30/20 | 0 | 182,788 | (0) |
| | | 6897433 | C | P067952 | OXYGEN ALLIANCE/EXPENSES | Sudan /Madhu | 01/01/05 | 06/30/10 | 0 | 199,945 | 0 |
| | | 6897611 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Brooks /Rodney Allen | 01/01/05 | 06/30/10 | 0 | 7,244 | 0 |
| | | 6897652 | C | P067971 | MASTER AGREEMENT | Berners-Lee /Timothy J | 04/01/05 | 12/31/22 | 0 | 49,672 | (125,734) |
| | | 6897750 | C | P065004 | MASTER AGREEMENT | Deng /Sili | 05/01/05 | 11/30/22 | 146,565 | 6,579,164 | 78,744 |
| | | 6897842 | C | P061093 | MASTER AGREEMENT | Belobaba /Peter P | 06/01/05 | 02/28/23 | 114,330 | 4,305,000 | 97,871 |
| | | 6897893 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Miller /Eric J | 06/01/05 | 06/30/13 | 0 | 60,892 | 0 |
| | | 6899228 | C | P039020 | CBA CONSORTIUM EXPENDITURES | Gershenfeld /Neil A | 01/01/06 | 02/28/25 | 0 | 0 | (409,770) |
| | | 6899291 | C | P121110 | MASTER CONSORTIUM | Wang /Richard Yng-Yuh | 02/16/06 | 08/31/22 | 160,502 | 1,358,517 | 283,400 |
| | | 6899523 | C | P067952 | MULTI-SPONSOR | Leonard /John J | 03/01/06 | 06/30/06 | 0 | 6,913 | 0 |
| | | 6914563 | C | P267100 | AGMT. DTD. 7/1/02 | Sarpeshkar /Rahul | 03/14/06 | 09/30/07 | 0 | 0 | (67,936) |
| | | 6914700 | C | P061093 | MASTER AGREEMENT | Wardle /Brian L | 01/01/07 | 02/28/26 | 70,199 | 3,200,512 | 129,744 |
| | | 6914780 | C | P069501 | ISCM RESEARCH | Sheffi /Yosef | 01/15/07 | 01/15/08 | 0 | 5,751 | (0) |
| | | 6914783 | C | P067952 | OXYGEN ALLIANCE/EXPENSES/CHIL | Leonard /John J | 07/01/06 | 06/30/09 | 0 | 59,968 | 0 |
| | | 6914816 | C | P320000 | MASTER AGREEMENT | Wong /Victor W | 05/01/05 | 12/31/08 | 0 | 76,669 | 0 |
| | | 6914938 | C | P069501 | ISCM RESEARCH | Sheffi /Yosef | 02/01/07 | 12/31/12 | 0 | 25,000 | (0) |
| | | 6915050 | C | P069501 | ISCM RESEARCH | Malone /Thomas W | 03/01/07 | 02/29/08 | 0 | 10,408 | 0 |
| | | 6915825 | C | P035000 | MASTER AGREEMENT | Ratti /Carlo | 07/01/07 | 08/31/24 | 337,108 | 4,466,791 | (258,265) |
| | | 6916774 | C | P061020 | NANO-ENGINEERING CONSORTIUM | Wardle /Brian L | 10/22/07 | 02/29/08 | 0 | 9,728 | 0 |
| | | 6917194 | C | P069500 | MASTER AGREEMENT | Caplice /Christopher | 02/01/08 | 06/30/25 | 0 | 50,000 | (0) |
| | | 6917271 | C | P320000 | MITEI MEMBERSHIP SEED | Armstrong /Robert C | 01/15/08 | 12/31/23 | 0 | 521,799 | 521,788 |
| | | 6917273 | C | P320000 | MITEI MEMBERSHIP SEED | Buonassisi /Anthony | 01/15/08 | 07/31/10 | 0 | 35,000 | 0 |
| | | 6917274 | C | P320000 | MITEI MEMBERSHIP SEED | Chisholm /Sallie W | 01/15/08 | 01/31/11 | 0 | 150,000 | (0) |
| | | 6917275 | C | P320000 | MITEI MEMBERSHIP SEED | Leeb /Steven B | 01/15/08 | 01/14/10 | 0 | 70,000 | (0) |
| | | 6917276 | C | P320000 | MITEI MEMBERSHIP SEED | Duflo /Esther | 01/15/08 | 06/30/10 | 0 | 150,000 | 0 |
| | | 6917277 | C | P320000 | MITEI MEMBERSHIP SEED | Minervini /Joseph V | 01/15/08 | 01/14/09 | 0 | 100,000 | 0 |
| | | 6917278 | C | P320000 | MITEI MEMBERSHIP SEED | Prather /Kristala L | 01/15/08 | 04/30/09 | 0 | 150,000 | (0) |
| | | 6917279 | C | P320000 | MITEI MEMBERSHIP SEED | Schindall /Joel E | 01/15/08 | 01/14/10 | 0 | 55,000 | 0 |
| | | 6917280 | C | P320000 | MITEI MEMBERSHIP SEED | Thompson /Janelle Renee | 01/15/08 | 01/14/09 | 0 | 50,000 | (0) |
| | | 6917307 | C | P061020 | MASTER AGREEMENT | Wardle /Brian L | 03/01/08 | 06/30/08 | 0 | 4,373 | 0 |
| | | 6917352 | C | P061020 | MASTER AGREEMENT | Wardle /Brian L | 03/01/08 | 08/31/08 | 0 | 5,389 | 0 |
| | | 6917843 | C | P320000 | MITEI MEMBERSHIP SEED | Ceder /Gerbrand | 01/15/08 | 07/31/10 | 0 | 39,990 | 0 |
| | | 6918677 | C | P320000 | MITEI MEMBERSHIP SEED | Abelson /Harold | 09/01/08 | 10/31/10 | 0 | 89,999 | 0 |
| | | 6918678 | C | P320000 | MITEI MEMBERSHIP SEED | Buehler /Markus J | 09/01/08 | 08/31/10 | 0 | 100,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6918679 | C | P320000 | MITEI MEMBERSHIP SEED | Ceder /Gerbrand | 09/01/08 | 02/28/13 | 0 | 149,880 | 0 |
| | | 6918680 | C | P320000 | MITEI MEMBERSHIP SEED | Chandrakasan /Anantha P | 09/01/08 | 08/31/09 | 0 | 60,000 | 0 |
| | | 6918681 | C | P320000 | MITEI MEMBERSHIP SEED | Edelman /Alan | 09/01/08 | 08/31/09 | 0 | 49,936 | 0 |
| | | 6918682 | C | P320000 | MITEI MEMBERSHIP SEED | Fernandez /John | 09/01/08 | 08/31/10 | 0 | 85,516 | (0) |
| | | 6918683 | C | P320000 | MITEI MEMBERSHIP SEED | Fitzgerald /Eugene A | 09/01/08 | 11/30/09 | 0 | 54,399 | 0 |
| | | 6918684 | C | P320000 | MITEI MEMBERSHIP SEED | Hemond /Harold F | 09/01/08 | 08/31/10 | 0 | 37,447 | (0) |
| | | 6918685 | C | P320000 | MITEI MEMBERSHIP SEED | Kassakian /John G | 09/01/08 | 08/31/09 | 0 | 89,994 | 0 |
| | | 6918686 | C | P320000 | MITEI MEMBERSHIP SEED | Layzer /Judith | 09/01/08 | 12/31/10 | 0 | 100,000 | (0) |
| | | 6918687 | C | P320000 | MITEI MEMBERSHIP SEED | Livermore-Clifford /Carol | 09/01/08 | 05/31/10 | 0 | 149,973 | (0) |
| | | 6918688 | C | P320000 | MITEI MEMBERSHIP SEED | Olken /Benjamin | 09/01/08 | 08/31/09 | 0 | 9,858 | 0 |
| | | 6918689 | C | P320000 | MITEI MEMBERSHIP SEED | Ram /Rajeev J | 09/01/08 | 09/15/10 | 0 | 120,000 | (0) |
| | | 6918690 | C | P320000 | MITEI MEMBERSHIP SEED | Sadoway /Donald Robert | 09/01/08 | 12/31/10 | 0 | 55,007 | (0) |
| | | 6918691 | C | P320000 | MITEI MEMBERSHIP SEED | Slocum /Alexander H | 09/01/08 | 05/31/12 | 0 | 50,000 | (0) |
| | | 6918692 | C | P320000 | MITEI MEMBERSHIP SEED | Stephanopoulos /Gregory | 09/01/08 | 10/31/10 | 0 | 100,000 | 0 |
| | | 6918693 | C | P320000 | MITEI MEMBERSHIP SEED | Woskov /Paul P | 09/01/08 | 08/31/09 | 0 | 119,979 | 0 |
| | | 6918799 | C | P067952 | OXYGEN ALLIANCE/EXPENSES | Zeldovich /Nickolai | 07/01/08 | 06/30/16 | 0 | 57,403 | 0 |
| | | 6919043 | C | P320000 | MITEI MEMBERSHIP SEED | Hemond /Harold F | 12/17/08 | 08/31/10 | 0 | 37,553 | 0 |
| | | 6919524 | C | P320000 | MITEI MEMBERSHIP SEED | Alexander-Katz /Alfredo | 04/01/09 | 03/31/11 | 0 | 147,999 | (0) |
| | | 6919525 | C | P320000 | MITEI MEMBERSHIP SEED | Andersen /Marilyne | 09/01/09 | 08/31/11 | 0 | 99,424 | 0 |
| | | 6919526 | C | P320000 | MITEI MEMBERSHIP SEED | Baldo /Marc A | 04/01/09 | 12/31/10 | 0 | 89,997 | 0 |
| | | 6919527 | C | P320000 | MITEI MEMBERSHIP SEED | Buongiorno /Jacopo | 04/01/09 | 03/31/11 | 0 | 59,944 | (0) |
| | | 6919528 | C | P320000 | MITEI MEMBERSHIP SEED | Ceyer /Sylvia Teresse | 04/01/09 | 08/31/10 | 0 | 99,973 | 0 |
| | | 6919529 | C | P320000 | MITEI MEMBERSHIP SEED | Green /William H | 06/01/09 | 05/31/11 | 0 | 51,999 | (0) |
| | | 6919530 | C | P320000 | MITEI MEMBERSHIP SEED | Kim /Sangbae | 06/01/09 | 05/31/10 | 0 | 120,000 | 0 |
| | | 6919532 | C | P320000 | MITEI MEMBERSHIP SEED | Ratti /Carlo | 04/01/09 | 03/31/11 | 0 | 99,745 | (0) |
| | | 6919533 | C | P320000 | MITEI MEMBERSHIP SEED | Ross /Caroline A | 04/01/09 | 08/31/10 | 0 | 120,001 | 0 |
| | | 6919534 | C | P320000 | MITEI MEMBERSHIP SEED | Cao /Jianshu | 04/01/09 | 03/31/12 | 0 | 69,951 | 0 |
| | | 6919535 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 04/01/09 | 06/30/11 | 0 | 120,000 | (0) |
| | | 6920821 | C | P320000 | MITEI MEMBERSHIP SEED | Bazant /Martin Z | 10/01/09 | 09/30/11 | 0 | 100,000 | 0 |
| | | 6920822 | C | P320000 | MITEI MEMBERSHIP SEED | Berggren /Karl K | 10/01/09 | 02/28/13 | 0 | 150,000 | (0) |
| | | 6920823 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 10/01/09 | 09/30/11 | 0 | 100,000 | 0 |
| | | 6920824 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 10/01/09 | 07/12/11 | 0 | 150,000 | (0) |
| | | 6920825 | C | P320000 | MITEI MEMBERSHIP SEED | Kaiser /Chris | 10/01/09 | 09/30/11 | 0 | 149,998 | 0 |
| | | 6920826 | C | P320000 | MITEI MEMBERSHIP SEED | Soljacic /Marin | 10/01/09 | 09/30/11 | 0 | 49,674 | 0 |
| | | 6920827 | C | P320000 | MITEI MEMBERSHIP SEED | Thomas /Edwin L | 10/01/09 | 09/30/11 | 0 | 99,957 | 0 |
| | | 6920828 | C | P320000 | MITEI MEMBERSHIP SEED | Tuller /Harry L | 10/01/09 | 09/30/11 | 0 | 149,980 | (0) |
| | | 6920829 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 10/01/09 | 09/30/11 | 0 | 150,000 | (0) |
| | | 6920847 | C | P320000 | MITEI MEMBERSHIP SEED | Polz /Martin F | 10/01/09 | 09/30/11 | 0 | 125,000 | (0) |
| | | 6920848 | C | P320000 | MITEI MEMBERSHIP SEED | Thompson /Carl Vernette | 10/01/09 | 12/31/10 | 0 | 64,041 | 0 |
| | | 6921149 | C | P320000 | MITEI MEMBERSHIP SEED | Thompson /Carl Vernette | 03/01/10 | 07/31/10 | 0 | 10,115 | 0 |
| | | 6921212 | C | P320000 | MITEI MEMBERSHIP SEED | Fink /Yoel | 10/01/09 | 09/30/11 | 0 | 50,002 | 0 |
| | | 6921277 | C | P069850 | MASTER AGREEMENT | Kirchain /Randolph E | 12/17/09 | 03/31/22 | 0 | 491,221 | 29,719 |
| | | 6921868 | C | P065005 | MASTER AGREEMENT | Wong /Victor W | 04/30/10 | 06/30/18 | 0 | 129,567 | 0 |
| | | 6921957 | C | P320000 | MITEI MEMBERSHIP SEED | Bazant /Martin Z | 05/17/10 | 05/16/12 | 0 | 150,000 | 0 |
| | | 6921958 | C | P320000 | MITEI MEMBERSHIP SEED | Demaine /Erik D | 05/17/10 | 05/16/12 | 0 | 149,923 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6921959 | C | P320000 | MITEI MEMBERSHIP SEED | Hadjiconstantinou /Nicolas | 09/01/10 | 09/30/12 | 0 | 149,372 | (0) |
| | | 6921960 | C | P320000 | MITEI MEMBERSHIP SEED | Jensen /Klavs F | 05/17/10 | 08/31/13 | 0 | 149,920 | (0) |
| | | 6921961 | C | P320000 | MITEI MEMBERSHIP SEED | Joannopoulos /John | 05/17/10 | 05/16/12 | 0 | 143,917 | 0 |
| | | 6921962 | C | P320000 | MITEI MEMBERSHIP SEED | Kimerling /Lionel C | 08/01/10 | 09/30/11 | 0 | 100,000 | 0 |
| | | 6921963 | C | P320000 | MITEI MEMBERSHIP SEED | Malcolm /Alison E | 05/17/10 | 05/31/11 | 0 | 147,912 | (0) |
| | | 6921964 | C | P320000 | MITEI MEMBERSHIP SEED | Olsen /Bradley D. | 05/17/10 | 05/16/12 | 0 | 150,000 | 0 |
| | | 6921965 | C | P320000 | MITEI MEMBERSHIP SEED | Rudin /Cynthia | 08/01/10 | 07/31/13 | 0 | 150,000 | 0 |
| | | 6921966 | C | P320000 | MITEI MEMBERSHIP SEED | Stephanopoulos /Gregory | 09/01/10 | 05/31/13 | 0 | 99,939 | 0 |
| | | 6921967 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 06/01/10 | 12/31/12 | 0 | 149,788 | (0) |
| | | 6921968 | C | P320000 | MITEI MEMBERSHIP SEED | Wang /Evelyn | 05/17/10 | 05/16/12 | 0 | 99,990 | (0) |
| | | 6921969 | C | P320000 | MITEI MEMBERSHIP SEED | Woskov /Paul P | 06/01/10 | 05/31/11 | 0 | 119,951 | (0) |
| | | 6922100 | C | P122172 | LEADERSHIP CONSORTIUM AGREEI | Repenning /Nelson | 05/07/10 | 12/31/22 | 0 | 0 | 0 |
| | | 6922101 | C | P122172 | LEADERSHIP CONSORTIUM AGREEI | Ancona /Deborah G | 05/07/10 | 11/17/14 | 0 | 0 | 0 |
| | | 6922102 | C | P122172 | LEADERSHIP CONSORTIUM AGREEI | Ancona /Deborah G | 05/07/10 | 05/31/15 | 0 | 0 | 0 |
| | | 6923622 | C | P320000 | MITEI MEMBERSHIP SEED | Buongiorno /Jacopo | 04/01/11 | 01/31/14 | 0 | 150,000 | 0 |
| | | 6923623 | C | P320000 | MITEI MEMBERSHIP SEED | Dahleh /Munther A | 04/01/11 | 03/31/13 | 0 | 150,000 | 0 |
| | | 6923624 | C | P320000 | MITEI MEMBERSHIP SEED | Dinca /Mircea | 04/01/11 | 03/31/13 | 0 | 99,992 | (0) |
| | | 6923625 | C | P320000 | MITEI MEMBERSHIP SEED | Duflo /Esther | 04/01/11 | 09/30/12 | 0 | 133,483 | 0 |
| | | 6923626 | C | P320000 | MITEI MEMBERSHIP SEED | Einstein /Herbert H | 04/01/11 | 09/30/13 | 0 | 150,000 | 0 |
| | | 6923627 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 04/01/11 | 02/28/12 | 0 | 50,000 | (0) |
| | | 6923628 | C | P320000 | MITEI MEMBERSHIP SEED | Hadjiconstantinou /Nicolas | 04/01/11 | 10/31/13 | 0 | 85,024 | (0) |
| | | 6923629 | C | P320000 | MITEI MEMBERSHIP SEED | Kong /Jing | 04/01/11 | 03/31/13 | 0 | 75,000 | 0 |
| | | 6923630 | C | P320000 | MITEI MEMBERSHIP SEED | Perakis /Georgia | 04/01/11 | 03/15/14 | 0 | 90,000 | 0 |
| | | 6923631 | C | P320000 | MITEI MEMBERSHIP SEED | Sarma /Sanjay E | 04/01/11 | 03/31/13 | 0 | 99,830 | 0 |
| | | 6923632 | C | P320000 | MITEI MEMBERSHIP SEED | Trumper /David L | 04/01/11 | 03/31/13 | 0 | 99,989 | 0 |
| | | 6923633 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 04/01/11 | 03/31/13 | 0 | 150,000 | 0 |
| | | 6923634 | C | P320000 | MITEI MEMBERSHIP SEED | Wescoat /James | 04/01/11 | 08/31/13 | 0 | 150,000 | (0) |
| | | 6923635 | C | P320000 | MITEI MEMBERSHIP SEED | Zhang /Shuguang | 04/01/11 | 03/31/13 | 0 | 150,000 | 0 |
| | | 6925580 | C | P320000 | MITEI MEMBERSHIP SEED | Armstrong /Robert C | 04/01/12 | 06/01/15 | 0 | 3,378 | 3,378 |
| | | 6925581 | C | P320000 | MITEI MEMBERSHIP SEED | Blankschtein /Edmundo D | 07/01/12 | 01/15/15 | 0 | 150,000 | 0 |
| | | 6925582 | C | P320000 | MITEI MEMBERSHIP SEED | Buie /Cullen | 04/01/12 | 03/31/14 | 0 | 69,415 | (0) |
| | | 6925583 | C | P320000 | MITEI MEMBERSHIP SEED | Chisholm /Sallie W | 04/01/12 | 03/31/14 | 0 | 150,000 | (0) |
| | | 6925584 | C | P320000 | MITEI MEMBERSHIP SEED | Dinca /Mircea | 07/01/12 | 12/31/13 | 0 | 99,990 | 0 |
| | | 6925585 | C | P320000 | MITEI MEMBERSHIP SEED | Fitzgerald /Eugene A | 04/01/12 | 04/30/14 | 0 | 150,000 | (0) |
| | | 6925586 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 04/01/12 | 07/31/13 | 0 | 99,977 | 0 |
| | | 6925587 | C | P320000 | MITEI MEMBERSHIP SEED | Kong /Jing | 04/01/12 | 05/31/14 | 0 | 150,000 | (0) |
| | | 6925588 | C | P320000 | MITEI MEMBERSHIP SEED | O'Sullivan /Francis Martin | 04/01/12 | 01/31/17 | 0 | 71,622 | (0) |
| | | 6925589 | C | P320000 | MITEI MEMBERSHIP SEED | Perreault /David J | 04/01/12 | 03/31/14 | 0 | 74,700 | 0 |
| | | 6925590 | C | P320000 | MITEI MEMBERSHIP SEED | Reinhart /Christoph | 04/01/12 | 03/31/14 | 0 | 149,899 | (0) |
| | | 6925591 | C | P320000 | MITEI MEMBERSHIP SEED | Tuller /Harry L | 04/01/12 | 03/31/14 | 0 | 74,981 | (0) |
| | | 6925592 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 04/01/12 | 03/31/14 | 0 | 150,000 | 0 |
| | | 6925593 | C | P320000 | MITEI MEMBERSHIP SEED | Williams /John R | 04/01/12 | 11/26/14 | 0 | 150,000 | 0 |
| | | 6926705 | C | P320000 | MITEI MEMBERSHIP SEED | Buie /Cullen | 04/01/12 | 12/01/12 | 0 | 5,585 | 0 |
| | | 6927725 | C | P039010 | MEDIA LAB CONSORTIA | Newman /Dava J | 07/01/13 | 06/30/25 | 0 | 168,279,400 | 167,971,653 |
| | | 6927880 | C | P320000 | MITEI MEMBERSHIP SEED | Williams /John R | 06/01/13 | 05/31/15 | 0 | 150,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927881 | C | P320000 | MITEI MEMBERSHIP SEED | Brushett /Fikile R | 04/01/13 | 03/31/15 | 0 | 74,833 | (0) |
| | | 6927882 | C | P320000 | MITEI MEMBERSHIP SEED | Juanes /Ruben | 06/01/13 | 05/31/16 | 0 | 99,993 | (0) |
| | | 6927883 | C | P320000 | MITEI MEMBERSHIP SEED | Kolpak /Alexie M | 05/01/13 | 10/31/14 | 0 | 75,000 | 0 |
| | | 6927884 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 04/01/13 | 09/30/14 | 0 | 75,037 | (0) |
| | | 6927885 | C | P320000 | MITEI MEMBERSHIP SEED | Leeb /Steven B | 09/01/13 | 07/31/16 | 0 | 74,922 | (0) |
| | | 6927887 | C | P320000 | MITEI MEMBERSHIP SEED | Allanore /Antoine | 04/01/13 | 04/30/15 | 0 | 75,000 | 0 |
| | | 6927888 | C | P320000 | MITEI MEMBERSHIP SEED | Demaine /Erik D | 04/01/13 | 03/31/15 | 0 | 75,000 | 0 |
| | | 6927889 | C | P320000 | MITEI MEMBERSHIP SEED | Demanet /Laurent | 10/01/13 | 08/31/16 | 0 | 143,000 | 0 |
| | | 6927890 | C | P320000 | MITEI MEMBERSHIP SEED | Gradecak /Silvija | 04/01/13 | 07/31/14 | 0 | 74,999 | 0 |
| | | 6927891 | C | P320000 | MITEI MEMBERSHIP SEED | Roman /Yuriy | 04/15/13 | 10/31/14 | 0 | 34,999 | 0 |
| | | 6927892 | C | P320000 | MITEI MEMBERSHIP SEED | Selin /Noelle E | 04/01/13 | 03/31/15 | 0 | 73,764 | 0 |
| | | 6927893 | C | P320000 | MITEI MEMBERSHIP SEED | Wang /Evelyn | 04/01/13 | 03/31/15 | 0 | 75,000 | 0 |
| | | 6928020 | C | P039010 | MEDIA LAB CONSORTIA | Newman /Dava J | 07/01/13 | 06/30/23 | 0 | 0 | 25 |
| | | 6928021 | C | P039010 | MEDIA LAB CONSORTIA | Lippman /Andrew B | 07/01/13 | 12/31/19 | 0 | 994,796 | 0 |
| | | 6928043 | C | P069500 | MASTER AGREEMENT | Coughlin /Joseph F | 06/01/13 | 10/16/22 | 140,532 | 6,867,187 | 227,220 |
| | | 6928054 | C | P039010 | MEDIA LAB CONSORTIA | Newman /Dava J | 07/01/13 | 06/30/23 | 0 | 0 | 0 |
| | | 6928055 | C | P039010 | MEDIA LAB CONSORTIA | El-Kouedi /Mahnaz | 07/01/13 | 06/30/23 | 1,439,943 | 0 | (31,239,729) |
| | | 6928056 | C | P039010 | MEDIA LAB CONSORTIA | Degnan /Nicole | 07/01/13 | 06/30/23 | 0 | 0 | (3,789,861) |
| | | 6928057 | C | P039010 | MEDIA LAB CONSORTIA | El-Kouedi /Mahnaz | 07/01/13 | 06/30/23 | 0 | 0 | (1,382,416) |
| | | 6928058 | C | P039010 | MEDIA LAB CONSORTIA | Newman /Dava J | 07/01/13 | 06/30/23 | 16,000 | 0 | (1,856,033) |
| | | 6928059 | C | P039010 | MEDIA LAB CONSORTIA | Bletsas /Michail | 07/01/13 | 06/30/23 | 35,498 | 0 | (1,567,990) |
| | | 6928060 | C | P039010 | MEDIA LAB CONSORTIA | Holtzman /Henry N | 07/01/13 | 06/30/14 | 0 | 0 | (10,995) |
| | | 6928111 | C | P320000 | MITEI MEMBERSHIP SEED | Roman /Yuriy | 06/13/13 | 10/31/14 | 0 | 39,999 | 0 |
| | | 6929240 | C | P069500 | MASTER AGREEMENT | Coughlin /Joseph F | 12/01/13 | 06/30/14 | 0 | 7,813 | 0 |
| | | 6929338 | C | P065005 | MASTER AGREEMENT | Wierzbicki /Tomasz | 01/01/14 | 12/31/20 | (3,536) | 3,393,374 | 0 |
| | | 6929567 | C | P065005 | MASTER AGREEMENT- EXP | Wierzbicki /Tomasz | 01/01/14 | 12/31/20 | 3,327 | 1,609,000 | (345,736) |
| | | 6929609 | C | P039010 | MEDIA LAB CONSORTIA | Newman /Dava J | 07/01/13 | 06/30/23 | 0 | 0 | (1,945,992) |
| | | 6929753 | C | P065004 | MASTER AGREEMENT | Hadjiconstantinou /Nicolas | 06/01/14 | 02/28/22 | 12,249 | 709,579 | 287 |
| | | 6929840 | C | P320000 | MITEI MEMBERSHIP SEED | Barton /Paul I | 04/01/14 | 08/31/15 | 0 | 100,000 | 0 |
| | | 6929841 | C | P320000 | MITEI MEMBERSHIP SEED | Bazant /Martin Z | 04/01/14 | 03/31/16 | 0 | 100,000 | 0 |
| | | 6929842 | C | P320000 | MITEI MEMBERSHIP SEED | Sapsis /Themistoklis Panagioti | 04/01/14 | 03/31/17 | 0 | 100,000 | (0) |
| | | 6929843 | C | P320000 | MITEI MEMBERSHIP SEED | Trancik /Jessika | 06/01/14 | 05/31/15 | 0 | 99,976 | (0) |
| | | 6929844 | C | P320000 | MITEI MEMBERSHIP SEED | Bromberg /Leslie | 05/01/14 | 10/31/16 | 0 | 100,000 | 0 |
| | | 6929845 | C | P320000 | MITEI MEMBERSHIP SEED | Buonassisi /Anthony | 04/01/14 | 03/31/16 | 0 | 72,243 | 0 |
| | | 6929846 | C | P320000 | MITEI MEMBERSHIP SEED | Hart /Anastasios John | 04/01/14 | 06/30/17 | 0 | 99,740 | (0) |
| | | 6929847 | C | P320000 | MITEI MEMBERSHIP SEED | Kulik /Heather Janine | 04/01/14 | 02/28/15 | 0 | 100,000 | (0) |
| | | 6929848 | C | P320000 | MITEI MEMBERSHIP SEED | Holten-Andersen /Niels | 04/01/14 | 08/31/16 | 0 | 49,621 | 0 |
| | | 6929849 | C | P320000 | MITEI MEMBERSHIP SEED | Warshaw /Christopher S | 04/01/14 | 12/31/16 | 0 | 78,657 | (0) |
| | | 6929850 | C | P320000 | MITEI MEMBERSHIP SEED | Tisdale /William | 04/01/14 | 03/31/16 | 0 | 99,976 | 0 |
| | | 6929859 | C | P039010 | MEDIA LAB CONSORTIA | Resnick /Mitchel J | 01/01/14 | 12/31/16 | 0 | 300,000 | (0) |
| | | 6930095 | C | P320000 | MITEI MEMBERSHIP SEED | Johnson /Jeremiah A. | 04/01/14 | 03/31/16 | 0 | 50,000 | (0) |
| | | 6930276 | C | P320000 | MITEI MEMBERSHIP SEED | Buonassisi /Anthony | 07/01/14 | 03/31/15 | 0 | 27,757 | 0 |
| | | 6931049 | C | P039010 | MEDIA LAB CONSORTIA | Bove /V Michael | 07/01/13 | 12/31/19 | 0 | 333,825 | 0 |
| | | 6931077 | C | P039010 | MEDIA LAB CONSORTIA | Slavin /Kevin | 07/01/13 | 08/31/15 | 0 | 71,379 | 0 |
| | | 6931148 | C | P121110 | MASTER AGREEMENT | Madnick /Stuart E | 11/06/14 | 12/30/25 | 0 | 0 | (112,703) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6931193 | C | P039010 | MEDIA LAB CONSORTIA | Hidalgo Ramaciotti /Cesar A. | 01/01/15 | 05/31/20 | 0 | 512,987 | 0 |
| | | 6931512 | C | P039010 | MEDIA LAB CONSORTIA | Picard /Rosalind W. | 01/15/15 | 07/31/19 | 0 | 535,944 | 0 |
| | | 6931513 | C | P039010 | MEDIA LAB CONSORTIA | Maes /Patricia | 01/15/15 | 07/31/18 | 0 | 83,744 | 0 |
| | | 6931753 | C | P320000 | MITEI MEMBERSHIP SEED | Checkelsky /Joseph | 07/01/15 | 06/30/17 | 0 | 20,409 | (0) |
| | | 6931754 | C | P320000 | MITEI MEMBERSHIP SEED | Ben-Akiva /Moshe E | 04/01/15 | 04/30/18 | 0 | 74,081 | (0) |
| | | 6931755 | C | P320000 | MITEI MEMBERSHIP SEED | Fehler /Michael C | 04/01/15 | 10/31/16 | 0 | 74,999 | 0 |
| | | 6931756 | C | P320000 | MITEI MEMBERSHIP SEED | Doyle /Patrick S | 06/01/15 | 12/31/16 | 0 | 75,000 | 0 |
| | | 6931757 | C | P320000 | MITEI MEMBERSHIP SEED | Wang /Evelyn | 04/01/15 | 03/31/17 | 0 | 37,496 | 0 |
| | | 6931758 | C | P320000 | MITEI MEMBERSHIP SEED | Hart /Anastasios John | 04/01/15 | 09/30/16 | 0 | 75,000 | 0 |
| | | 6931759 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 06/01/15 | 11/30/16 | 0 | 75,000 | 0 |
| | | 6931760 | C | P320000 | MITEI MEMBERSHIP SEED | Kocar /Benjamin David | 09/01/15 | 08/31/17 | 0 | 73,024 | 0 |
| | | 6931761 | C | P320000 | MITEI MEMBERSHIP SEED | Surendranath /Yogesh | 01/01/16 | 12/31/17 | 0 | 75,000 | (0) |
| | | 6931762 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 04/01/15 | 06/30/17 | 0 | 75,000 | (0) |
| | | 6931763 | C | P320000 | MITEI MEMBERSHIP SEED | Hart /Anastasios John | 04/01/15 | 10/31/16 | 0 | 37,500 | 0 |
| | | 6931801 | C | P061093 | CONSORTIUM DATED 05/01/2015 | Leveson /Nancy G | 05/01/15 | 09/30/22 | 10,126 | 510,000 | 67,993 |
| | | 6932001 | C | P039010 | MEDIA LAB CONSORTIA | Herr /Hugh M | 05/01/15 | 11/30/17 | 0 | 382,906 | 0 |
| | | 6932018 | C | P039020 | AGMT. DTD. 7/1/02 | Gershenfeld /Neil A | 06/02/15 | 09/30/15 | 0 | 16,012 | 0 |
| | | 6932044 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 04/01/15 | 10/31/16 | 0 | 37,491 | 0 |
| | | 6932052 | C | P320000 | MITEI MEMBERSHIP SEED | Gleason /Karen K | 04/01/15 | 03/31/17 | 0 | 37,377 | 0 |
| | | 6932598 | C | P320000 | MITEI MEMBERSHIP SEED | Checkelsky /Joseph | 08/31/15 | 03/31/16 | 0 | 35,826 | 0 |
| | | 6932681 | C | P069500 | AVT CONSORTIUM EXPENSES | Coughlin /Joseph F | 09/01/15 | 01/31/24 | 2,004,484 | 9,132,395 | 2,448,162 |
| | | 6933433 | C | P069200 | | Voigt /Christopher A. | 01/01/16 | 05/22/24 | 91,082 | 290,000 | 11,534 |
| | | 6933857 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 02/01/16 | 01/31/20 | 0 | 465,162 | (0) |
| | | 6933879 | C | P320000 | MITEI MEMBERSHIP SEED | Fehler /Michael C | 10/01/16 | 03/31/19 | 0 | 149,382 | (0) |
| | | 6933880 | C | P320000 | MITEI MEMBERSHIP SEED | Sadoway /Donald Robert | 04/01/16 | 03/31/18 | 0 | 61,922 | 0 |
| | | 6933881 | C | P320000 | MITEI MEMBERSHIP SEED | Surendranath /Yogesh | 05/01/16 | 10/31/17 | 0 | 49,878 | 0 |
| | | 6933882 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 05/01/16 | 08/31/18 | 0 | 39,846 | 0 |
| | | 6933883 | C | P320000 | MITEI MEMBERSHIP SEED | Winter /Amos G | 04/01/16 | 08/31/19 | 0 | 100,000 | 0 |
| | | 6933884 | C | P320000 | MITEI MEMBERSHIP SEED | Yildiz /Bilge | 06/01/16 | 10/31/18 | 0 | 99,987 | 0 |
| | | 6933885 | C | P320000 | MITEI MEMBERSHIP SEED | Williams /John R | 06/01/16 | 05/31/18 | 0 | 150,000 | (0) |
| | | 6933886 | C | P320000 | MITEI MEMBERSHIP SEED | Roman /Yuriy | 04/01/16 | 06/30/19 | 0 | 83,626 | 0 |
| | | 6933887 | C | P320000 | MITEI MEMBERSHIP SEED | Gonzalez /Marta C. | 04/01/16 | 03/31/18 | 0 | 62,201 | 0 |
| | | 6933888 | C | P320000 | MITEI MEMBERSHIP SEED | Madnick /Stuart E | 04/01/16 | 03/31/18 | 0 | 128,708 | 0 |
| | | 6933986 | C | P039010 | MEDIA LAB CONSORTIA | Narula /Neha | 01/01/16 | 11/30/20 | 0 | 2,212,500 | 0 |
| | | 6934058 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 01/15/15 | 07/31/18 | 0 | 38,000 | 0 |
| | | 6934145 | C | P039010 | MEDIA LAB CONSORTIA | Picard /Rosalind W. | 01/15/15 | 07/31/19 | 0 | 9,364 | 0 |
| | | 6934248 | C | P065004 | MASTER AGREEMENT | Hadjiconstantinou /Nicolas | 06/05/16 | 11/15/16 | 0 | 6,116 | 0 |
| | | 6934423 | C | P320000 | MITEI MEMBERSHIP SEED | Roman /Yuriy | 06/23/16 | 09/30/18 | 0 | 66,374 | 0 |
| | | 6934475 | C | P069400 | MASTER AGREEMENT | Pentland /Alex Paul | 07/11/16 | 07/16/22 | 2,125,220 | 8,649,225 | (52,474) |
| | | 6934665 | C | P039010 | MEDIA LAB CONSORTIA | Picard /Rosalind W. | 04/01/16 | 03/31/22 | 36,089 | 400,000 | (0) |
| | | 6934871 | C | P039010 | MEDIA LAB CONSORTIA | Maes /Patricia | 08/01/16 | 07/31/17 | 0 | 135,000 | (0) |
| | | 6935070 | C | P065005 | MASTER AGREEMENT- EXP | Wierzbicki /Tomasz | 09/01/16 | 12/31/20 | 84,574 | 423,000 | (288,837) |
| | | 6935151 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 11/01/16 | 04/30/17 | 0 | 155,000 | (0) |
| | | 6935318 | C | P320000 | MITEI MEMBERSHIP SEED | Checkelsky /Joseph | 11/01/16 | 06/30/17 | 0 | 18,734 | 0 |
| | | 6935717 | C | P320000 | MITEI MEMBERSHIP SEED | Sadoway /Donald Robert | 06/20/16 | 03/31/18 | 0 | 5,528 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935788 | C | P039010 | MEDIA LAB CONSORTIA | Adib /Fadel | 09/01/16 | 06/30/23 | 32,124 | 334,560 | 60,529 |
| | | 6936299 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 04/01/17 | 03/31/21 | 0 | 437,000 | (0) |
| | | 6936397 | C | P320000 | MITEI MEMBERSHIP SEED | Fang /Xuanlai | 04/01/17 | 08/31/19 | 0 | 103,625 | 0 |
| | | 6936398 | C | P320000 | MITEI MEMBERSHIP SEED | Sarma /Sanjay E | 05/01/17 | 10/31/18 | 0 | 109,912 | 0 |
| | | 6936399 | C | P320000 | MITEI MEMBERSHIP SEED | Van Voorhis /Troy | 05/01/17 | 04/30/20 | 0 | 35,000 | 0 |
| | | 6936400 | C | P320000 | MITEI MEMBERSHIP SEED | Surendranath /Yogesh | 05/01/17 | 04/30/19 | 0 | 35,000 | 0 |
| | | 6936401 | C | P320000 | MITEI MEMBERSHIP SEED | Dinca /Mircea | 06/01/17 | 05/31/19 | 0 | 110,000 | (0) |
| | | 6936402 | C | P320000 | MITEI MEMBERSHIP SEED | Bazant /Martin Z | 04/01/17 | 09/30/18 | 0 | 110,000 | 0 |
| | | 6936403 | C | P320000 | MITEI MEMBERSHIP SEED | Karplus /Valerie Jean | 06/01/17 | 11/30/19 | 0 | 110,000 | 0 |
| | | 6936404 | C | P320000 | MITEI MEMBERSHIP SEED | Kulik /Heather Janine | 06/01/17 | 05/31/20 | 0 | 109,721 | (0) |
| | | 6936405 | C | P320000 | MITEI MEMBERSHIP SEED | Turitsyn /Konstantin | 04/01/17 | 03/31/21 | 0 | 54,552 | 0 |
| | | 6936406 | C | P320000 | MITEI MEMBERSHIP SEED | Botterud /Audun | 04/01/17 | 09/30/19 | 0 | 54,987 | 0 |
| | | 6936407 | C | P320000 | MITEI MEMBERSHIP SEED | Smith /Zachary P | 04/01/17 | 08/31/19 | 0 | 110,000 | 0 |
| | | 6936416 | C | P320000 | MITEI MEMBERSHIP SEED | Daniel /Luca | 04/01/17 | 03/31/21 | 0 | 54,552 | (0) |
| | | 6936417 | C | P320000 | MITEI MEMBERSHIP SEED | Brushett /Fikile R | 04/01/17 | 09/30/19 | 0 | 55,000 | 0 |
| | | 6936489 | C | P039010 | MEDIA LAB CONSORTIA | Paradiso /Joseph A | 09/01/17 | 12/31/18 | 0 | 180,000 | (0) |
| | | 6936660 | C | P122010 | MASTER AGREEMENT | Woerner /Stephanie L | 07/01/17 | 07/31/25 | 4,091,880 | 30,381,914 | 5,445,039 |
| | | 6936753 | C | P122010 | MASTER AGREEMENT | Woerner /Stephanie L | 07/01/17 | 10/31/23 | 283,852 | 1,530,000 | 27,824 |
| | | 6936880 | C | P039010 | MEDIA LAB CONSORTIA | Shah /Pratik | 06/01/17 | 05/31/19 | 0 | 100,000 | 0 |
| | | 6937225 | C | P039010 | MEDIA LAB CONSORTIA | Breazeal /Cynthia Lynn | 09/01/17 | 08/31/18 | 0 | 150,000 | 0 |
| | | 6937229 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 08/01/17 | 01/31/19 | 0 | 34,826 | 0 |
| | | 6937392 | C | P039010 | MEDIA LAB CONSORTIA | Paradiso /Joseph A | 08/01/17 | 07/31/20 | 0 | 200,000 | 0 |
| | | 6937476 | C | P031000 | MASTER AGREEMENT | Tibbits /Skylar | 10/01/17 | 08/31/25 | 0 | 210,000 | 69,618 |
| | | 6937516 | C | P039010 | MEDIA LAB CONSORTIA | Pentland /Alex Paul | 10/01/17 | 03/31/18 | 0 | 50,000 | 0 |
| | | 6937518 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 10/01/17 | 02/15/18 | 0 | 10,080 | 0 |
| | | 6937754 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 10/01/17 | 10/31/21 | 0 | 2,152,083 | 1,294,899 |
| | | 6937940 | C | P402000 | MASTER AGREEMENT | Love /John C | 01/01/18 | 08/31/23 | 711,716 | 4,190,000 | 715,108 |
| | | 6938029 | C | P062000 | MIT MLPDS CONSORTIUM AGREEMI | Jensen /Klavs F | 01/02/18 | 01/01/23 | 285,348 | 2,900,000 | 2,070,800 |
| | | 6938397 | C | P039010 | MEDIA LAB CONSORTIA | Breazeal /Cynthia Lynn | 01/01/18 | 03/31/20 | 0 | 122,000 | 0 |
| | | 6938435 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 04/01/18 | 03/31/21 | 0 | 450,000 | 0 |
| | | 6938477 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 03/01/18 | 02/28/21 | 0 | 260,000 | 0 |
| | | 6938495 | C | P320000 | MITEI MEMBERSHIP SEED | Gomez-Bombarelli /Rafael | 06/01/18 | 12/31/20 | 0 | 100,004 | 0 |
| | | 6938496 | C | P320000 | MITEI MEMBERSHIP SEED | Gallant /Betar Maurkah | 04/01/18 | 09/30/19 | 0 | 99,967 | 0 |
| | | 6938497 | C | P320000 | MITEI MEMBERSHIP SEED | Perez-Arriaga /Jose Ignacio | 07/01/18 | 12/31/19 | 0 | 100,000 | 0 |
| | | 6938498 | C | P320000 | MITEI MEMBERSHIP SEED | Li /Jing | 09/01/18 | 08/31/20 | 0 | 81,473 | 0 |
| | | 6938499 | C | P320000 | MITEI MEMBERSHIP SEED | Ghoniem /Ahmed F | 06/01/18 | 11/30/20 | 0 | 100,000 | (0) |
| | | 6938501 | C | P320000 | MITEI MEMBERSHIP SEED | Swager /Timothy M | 06/01/18 | 05/31/19 | 0 | 99,998 | (0) |
| | | 6938502 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 04/01/18 | 03/31/20 | 0 | 100,000 | 0 |
| | | 6938503 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 04/01/18 | 02/29/20 | 0 | 99,774 | 0 |
| | | 6938505 | C | P320000 | MITEI MEMBERSHIP SEED | Manthiram /Karthish | 04/01/18 | 03/31/20 | 0 | 99,591 | 0 |
| | | 6938680 | C | P039010 | MEDIA LAB CONSORTIA | Wood /Danielle Renee | 05/01/18 | 06/30/23 | 24,010 | 295,235 | 198,135 |
| | | 6938735 | C | P039010 | MEDIA LAB CONSORTIA | Hidalgo Ramaciotti /Cesar A. | 06/01/18 | 05/31/20 | 0 | 100,000 | (0) |
| | | 6938862 | C | P062000 | MIT MLPDS CONSORTIUM AGREEMI | Jensen /Klavs F | 01/02/18 | 01/01/23 | 467,152 | 1,925,000 | 258,160 |
| | | 6938941 | C | P062000 | MIT MLPDS CONSORTIUM AGREEMI | Green /William H | 01/02/18 | 01/01/23 | 225,057 | 1,275,000 | 545,444 |
| | | 6939077 | C | P067952 | MIT MLPDS CONSORTIUM AGREEMI | Barzilay /Regina | 01/02/18 | 01/01/23 | (4,646) | 1,500,000 | 1,212,766 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939347 | C | P069501 | AGREEMENT DTD 8/1/18 | Coughlin /Joseph F | 08/01/18 | 04/14/23 | 656,721 | 2,100,000 | 386,285 |
| | | 6939439 | C | P417500 | | Kirchain /Randolph E | 06/01/18 | 06/30/23 | 277,177 | 942,000 | 98,829 |
| | | 6939757 | C | P067952 | MIT MLPDS CONSORTIUM AGREEMI | Jaakkola /Tommi S | 01/02/18 | 01/01/23 | 76,965 | 1,500,000 | 1,095,435 |
| | | 6940109 | C | P039010 | MEDIA LAB CONSORTIA | Ito /Joichi | 11/01/18 | 10/31/19 | 0 | 56,514 | (0) |
| | | 6940110 | C | P039010 | MEDIA LAB CONSORTIA | Park /Hae Won | 12/21/18 | 02/29/20 | 0 | 12,776 | (0) |
| | | 6940290 | C | P039010 | MEDIA LAB CONSORTIA | Narula /Neha | 02/01/19 | 03/30/24 | 339,331 | 2,050,000 | 922,927 |
| | | 6940430 | C | P039010 | MEDIA LAB CONSORTIA | Maes /Patricia | 10/01/18 | 08/31/20 | 0 | 5,830 | 0 |
| | | 6940495 | C | P266301 | | Triantafyllou /Michael S | 03/01/19 | 02/28/22 | 52,374 | 225,000 | 24,928 |
| | | 6940790 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 05/01/19 | 04/30/20 | 0 | 200,000 | 0 |
| | | 6941054 | C | P065012 | | DiCarlo /James | 04/30/19 | 04/29/24 | 0 | 3,835,745 | 3,835,745 |
| | | 6941071 | C | P320000 | MITEI MEMBERSHIP SEED | Strano /Michael S. | 05/01/19 | 04/30/21 | 0 | 99,095 | (0) |
| | | 6941072 | C | P320000 | MITEI MEMBERSHIP SEED | Gomez-Bombarelli /Rafael | 06/01/19 | 08/31/21 | (9,418) | 100,000 | (0) |
| | | 6941073 | C | P320000 | MITEI MEMBERSHIP SEED | Sinskey /Anthony J | 05/01/19 | 04/30/21 | 0 | 99,106 | 0 |
| | | 6941074 | C | P320000 | MITEI MEMBERSHIP SEED | Kala /Namrata | 05/01/19 | 10/31/21 | 0 | 20,000 | 20,000 |
| | | 6941075 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 05/01/19 | 10/31/20 | 0 | 100,000 | 0 |
| | | 6941076 | C | P320000 | MITEI MEMBERSHIP SEED | Shao-Horn /Yang | 09/01/19 | 08/31/22 | 88,711 | 100,000 | (48,912) |
| | | 6941077 | C | P320000 | MITEI MEMBERSHIP SEED | Baldo /Marc A | 05/01/19 | 09/30/20 | 0 | 100,000 | 0 |
| | | 6941129 | C | P320000 | MITEI MEMBERSHIP SEED | Knittel /Christopher Roland | 05/01/19 | 10/31/22 | 19,895 | 20,000 | 105 |
| | | 6941683 | C | P065005 | | Sarma /Sanjay E | 09/01/19 | 08/31/22 | 52,146 | 200,000 | (37,757) |
| | | 6941811 | C | P031000 | TBD | Tibbits /Skylar | 01/01/20 | 12/31/20 | 0 | 150,000 | 0 |
| | | 6942389 | C | P039010 | MEDIA LAB CONSORTIA | Machover /Tod | 11/01/19 | 12/31/21 | 0 | 7,943 | 0 |
| | | 6942492 | C | P039010 | MEDIA LAB CONSORTIA | Roy /Deb K | 12/01/19 | 11/30/24 | 724,207 | 3,000,000 | 1,666,329 |
| | | 6942518 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 07/01/19 | 08/31/21 | 11,818 | 0 | (108,618) |
| | | 6942519 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 07/01/19 | 08/31/21 | 17,120 | 0 | (191,470) |
| | | 6942520 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 07/01/19 | 10/31/21 | 0 | 0 | (8,738) |
| | | 6942532 | C | P065004 | MASTER AGREEMENT | Hadjiconstantinou /Nicolas | 01/01/20 | 08/31/20 | 0 | 16,305 | 0 |
| | | 6942711 | C | P039010 | MEDIA LAB CONSORTIA | Ekblaw /Ariel C | 11/01/19 | 11/30/23 | 151,880 | 537,500 | 382,109 |
| | | 6942859 | C | P069501 | TBD | Coughlin /Joseph F | 03/01/20 | 12/31/22 | 258,725 | 450,000 | (27,663) |
| | | 6943098 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | (1,130) | 25,000 | 1,036 |
| | | 6943193 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 07/01/19 | 06/30/23 | 4,581 | 0 | (83,397) |
| | | 6943293 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 18,336 | 40,000 | 6,261 |
| | | 6943294 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 14,855 | 75,000 | (3,086) |
| | | 6943366 | C | P320000 | MITEI MEMBERSHIP SEED | Furst /Ariel L | 07/01/20 | 06/30/22 | (2,964) | 100,000 | (0) |
| | | 6943367 | C | P320000 | MITEI MEMBERSHIP SEED | Gallant /Betar Maurkah | 06/01/20 | 05/31/23 | 21,630 | 100,000 | 78,370 |
| | | 6943368 | C | P320000 | MITEI MEMBERSHIP SEED | Grossman /Jeffrey C. | 08/01/20 | 07/31/22 | 72,103 | 100,000 | 2,005 |
| | | 6943369 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 06/01/20 | 08/31/21 | 26,434 | 100,000 | (0) |
| | | 6943370 | C | P320000 | MITEI MEMBERSHIP SEED | Sadoway /Donald Robert | 06/15/20 | 12/14/21 | 72 | 15,580 | (0) |
| | | 6943371 | C | P320000 | MITEI MEMBERSHIP SEED | Rupp /Jennifer Lilia Marguerit | 06/01/20 | 05/31/22 | 42,966 | 100,000 | (0) |
| | | 6943372 | C | P320000 | MITEI MEMBERSHIP SEED | Botterud /Audun | 06/01/20 | 05/31/22 | 26,957 | 75,000 | (0) |
| | | 6943373 | C | P320000 | MITEI MEMBERSHIP SEED | Reinhart /Christoph | 06/01/20 | 05/31/22 | 24,896 | 24,896 | 0 |
| | | 6943374 | C | P320000 | MITEI MEMBERSHIP SEED | Amin /Saurabh | 07/01/20 | 06/30/23 | 16,186 | 100,000 | 34,337 |
| | | 6943614 | C | P062000 | MIT MLPDS CONSORTIUM AGREEMI | Coley /Connor Wilson | 01/02/18 | 01/01/23 | 462,832 | 1,000,000 | 367,357 |
| | | 6943717 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 04/01/20 | 06/30/21 | 0 | 0 | (37,653) |
| | | 6944129 | C | P065005 | MASTER AGREEMENT- MEMB | Wierzbicki /Tomasz | 01/01/20 | 12/31/22 | 618,059 | 780,000 | (65,935) |
| | | 6944354 | C | P065004 | MASTER AGREEMENT | Deng /Sili | 10/01/20 | 02/28/22 | (2,570) | 14,865 | 12,598 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944385 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 10/01/20 | 03/31/22 | 31,257 | 32,175 | 0 |
| | | 6944436 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 11/01/20 | 06/30/23 | 94,906 | 200,000 | 14,395 |
| | | 6944438 | C | P039010 | MEDIA LAB CONSORTIA | Machover /Tod | 11/01/20 | 10/31/22 | 0 | 169,999 | 169,999 |
| | | 6944642 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 170 | 25,000 | 8,051 |
| | | 6944643 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 0 | 20,000 | 9,397 |
| | | 6944762 | C | P065004 | MASTER AGREEMENT | Deng /Sili | 01/01/21 | 02/28/22 | 24,735 | 26,000 | (10,607) |
| | | 6944974 | C | P039010 | MEDIA LAB CONSORTIA | Adib /Fadel | 01/01/21 | 12/31/22 | 31,542 | 100,000 | 64,653 |
| | | 6945021 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 03/01/21 | 06/30/23 | 0 | 10,000 | 1,484 |
| | | 6945030 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 530 | 8,000 | 634 |
| | | 6945423 | C | P320000 | MITEI MEMBERSHIP SEED | Rand /David Gertler | 06/01/21 | 05/31/23 | 42,129 | 100,000 | 49,695 |
| | | 6945424 | C | P320000 | MITEI MEMBERSHIP SEED | Freidberg /Jeffrey P | 01/01/22 | 12/31/23 | 6,336 | 100,000 | 93,664 |
| | | 6945425 | C | P320000 | MITEI MEMBERSHIP SEED | Radosevich /Alexander T. | 06/01/21 | 05/31/23 | 91,514 | 100,000 | 8,486 |
| | | 6945426 | C | P320000 | MITEI MEMBERSHIP SEED | Howland /Michael | 09/01/21 | 08/31/23 | 15 | 100,000 | 99,985 |
| | | 6945427 | C | P320000 | MITEI MEMBERSHIP SEED | Varanasi /Kripa | 06/01/21 | 05/31/23 | 27,738 | 100,000 | 72,262 |
| | | 6945428 | C | P320000 | MITEI MEMBERSHIP SEED | Fan /Chuchu | 06/01/21 | 05/31/23 | 1,305 | 100,000 | 98,695 |
| | | 6945429 | C | P320000 | MITEI MEMBERSHIP SEED | Mueller /Caitlin Tobin | 09/01/21 | 08/31/23 | 0 | 100,000 | 100,000 |
| | | 6945612 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 186,903 | 200,000 | 12,031 |
| | | 6945613 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 09/01/19 | 06/30/23 | 27,604 | 50,000 | 22,396 |
| | | 6945856 | C | P035000 | MIT-CHINA FUTURE CITY LAB CONS | Zheng /Siqi | 07/01/21 | 10/31/21 | 582 | 0 | (582) |
| | | 6946591 | C | P069201 | TBD | Kamm /Roger Dale | 12/01/21 | 11/30/22 | 615 | 0 | (615) |
| | | 6946641 | C | P067952 | | Glass /James R | 12/01/21 | 11/30/23 | 130,915 | 500,000 | 369,085 |
| | | 6946909 | C | P039010 | MEDIA LAB CONSORTIA | Sarkar /Deblina | 01/01/21 | 06/30/23 | 7,936 | 10,000 | 2,064 |
| | | 6947034 | C | P069201 | AGMT DTD 11/30/21 | Kamm /Roger Dale | 12/01/21 | 11/30/22 | 54,122 | 358,076 | 303,954 |
| | | 6947035 | C | P069201 | AGMT DTD 11/30/21 | Kamm /Roger Dale | 12/01/21 | 11/30/22 | 11,866 | 41,924 | 30,058 |
| | | 6947424 | C | P402400 | | Olsen /Bradley D. | 04/01/22 | 06/14/23 | 0 | 180,000 | 180,000 |
| | | 6947608 | C | P320000 | MITEI MEMBERSHIP SEED | Gallant /Betar Maurkah | 09/01/22 | 08/31/23 | 0 | 100,000 | 100,000 |
| | | 6947609 | C | P320000 | MITEI MEMBERSHIP SEED | Cahoy /Kerri | 06/01/22 | 05/31/24 | 6,182 | 100,000 | 93,818 |
| | | 6947610 | C | P320000 | MITEI MEMBERSHIP SEED | Furst /Ariel L | 06/01/22 | 05/31/24 | 9,924 | 100,000 | 90,076 |
| | | 6947611 | C | P320000 | MITEI MEMBERSHIP SEED | Hatton /Trevor Alan | 06/01/22 | 05/31/23 | 0 | 100,000 | 100,000 |
| | | 6947612 | C | P320000 | MITEI MEMBERSHIP SEED | de Weck /Olivier L | 06/01/22 | 05/31/24 | 0 | 100,000 | 100,000 |
| | | 6947613 | C | P320000 | MITEI MEMBERSHIP SEED | Botterud /Audun | 06/01/22 | 05/31/24 | 0 | 100,000 | 100,000 |
| | | 6947718 | C | P320000 | | Buongiorno /Jacopo | 06/01/22 | 05/31/24 | 6,187 | 0 | (6,187) |
| | | 6947785 | C | P039010 | MEDIA LAB CONSORTIA | Breazeal /Cynthia Lynn | 06/01/22 | 05/31/24 | 1,609 | 0 | (1,609) |
| | | 7082900 | C | P266301 | MASTER CONSORTIUM | Vandiver /John Kim | 07/01/88 | 06/30/23 | 248,786 | 4,081,235 | 68,199 |
| | | 7277900 | C | P065005 | MASTER AGREEMENT | Tian /Tian | 07/01/89 | 02/28/23 | 739,712 | 19,658,316 | 630,390 |
| | | 7774000 | C | P121110 | PRIOR MEMBERSHIP | Madnick /Stuart E | 09/01/92 | 06/30/21 | 0 | 223,768 | (0) |
| | | 9491100 | C | P069850 | MASTER AGREEMENT | Kirchain /Randolph E | 04/01/84 | 12/31/22 | 13,159 | 2,904,630 | (77,368) |
| | 006154 The Hong Kong University of Science & Technology | 6931835 | C | P065005 | ITS/248/14FP | Shao-Horn /Yang | 03/16/15 | 06/15/17 | 0 | 256,373 | 0 |
| | | 6931920 | C | P069850 | ITS/248/14FP | Thompson /Carl Vernette | 03/16/15 | 06/15/17 | 0 | 275,671 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **19,736,730** | **442,816,743** | **191,896,556** |
| 005030 American Association For The Advance.Sci | 005030 American Association For The Advance.Sci | 6939488 | C | P062000 | AGREEMENT EFFECTIVE 12-13-2018 | Kulik /Heather Janine | 12/13/18 | 12/31/21 | 15,057 | 49,987 | 0 |
| | | 6944184 | C | P152000 | AGREEMENT DTD. 10/14/2020 | Schlau-Cohen /Gabriela S | 12/22/20 | 03/01/22 | 251 | 27,500 | 27,249 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **15,308** | **77,487** | **27,249** |
| 005035 American Association For Lab Animal Scie | 005035 American Association For Lab | 6943290 | C | P402100 | GLAS LETTER DATED 05/15/2020 | Haupt /Jennifer | 05/15/20 | 05/14/22 | 553 | 5,770 | 0 |
| | | 6947734 | C | P402100 | GLAS LETTER DATED 05/31/2022 | Fabian /Niora J | 05/15/22 | 12/15/23 | 0 | 6,131 | 6,131 |
| | **Total by Primary Sponsor** | | | | | | | | **553** | **11,901** | **6,131** |
| 005050 American Cancer Society, Incorporated | 005050 American Cancer Society, | 6938888 | C | P152000 | RSG-18-122-01-CSM | Shoulders /Matthew D. | 07/01/18 | 06/30/22 | 99,614 | 774,731 | (2,031) |
| | | 6938912 | C | P152000 | RSG-18-122-01-CSM | Shoulders /Matthew D. | 07/01/18 | 08/31/19 | 0 | 17,269 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **99,614** | **792,000** | **(2,031)** |
| 005055 American Chemical Society | 005055 American Chemical Society | 6934315 | C | P062000 | PRF # 56719-DN19 | Swan /James W | 09/01/16 | 08/31/19 | 1,623 | 110,000 | (0) |
| | | 6941171 | C | P152000 | PRF # 60503-ND6 | Van Voorhis /Troy | 09/01/19 | 08/31/22 | 13,782 | 110,000 | (16) |
| | | 6941176 | C | P152000 | PRF # 60568-DNI3 | Suess /Daniel Leif Migdow | 09/01/19 | 08/31/21 | (28) | 110,000 | (0) |
| | | 6941178 | C | P152000 | PRF # 60204-DNI1 | Wendlandt /Alison | 09/01/19 | 08/31/21 | 42 | 110,000 | (0) |
| | | 6941218 | C | P062000 | PRF # 60574-DNI5 | Manthiram /Karthish | 09/01/19 | 08/31/21 | 9,492 | 96,374 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **24,911** | **536,374** | **(16)** |
| 005077 Philips Healthcare | 005077 Philips Healthcare | 6936683 | C | P061904 | EXH B-10: PO 4520209166 | Szolovits /Peter | 02/01/17 | 12/31/19 | 0 | 499,991 | 0 |
| | | 6942165 | C | P061901 | PO# 8600097704/AGREEMENT DATE | Mark /Roger G | 12/01/19 | 11/30/22 | 59,800 | 363,387 | 181,848 |
| | **Total by Primary Sponsor** | | | | | | | | **59,800** | **863,378** | **181,848** |
| 005116 The American Society for Hematology | 005817 Dana Farber Ca | 6944109 | C | P402000 | 6386401 | Li /Hojun | 07/01/20 | 06/30/21 | 3,991 | 50,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,991** | **50,000** | **0** |
| 005145 Asahi Glass Company Limited | 005145 Asahi Glass Company Limited | 6942872 | C | P066000 | AGMT DTD 4/01/2020 | Gomez-Bombarelli /Rafael | 04/01/20 | 09/01/22 | 91,022 | 160,000 | (9,692) |
| | | 6946939 | C | P066000 | AGRMT DATED 2/1/2022 | Hu /Juejun | 02/01/22 | 01/31/24 | 58,090 | 288,000 | 229,910 |
| | **Total by Primary Sponsor** | | | | | | | | **149,112** | **448,000** | **220,218** |
| 005150 Anonymous Foundation | 005150 Anonymous Fou | 6932793 | C | P091020 | 5521 | Olken /Benjamin | 10/01/15 | 12/31/22 | 185,037 | 1,204,040 | 303,549 |
| | **Total by Primary Sponsor** | | | | | | | | **185,037** | **1,204,040** | **303,549** |
| 005157 ASML | 005157 ASML | 6919311 | C | P267110 | PO 3400011637 | Trumper /David L | 01/30/09 | 12/31/22 | 131,757 | 2,166,925 | 237,594 |
| | | 6922117 | C | P069700 | PO 6481452 | Trumper /David L | 03/01/10 | 12/31/14 | 0 | 25,160 | 0 |
| | | 6931523 | C | P267200 | PO 6786212/ PO 6568346 / PO 64814 | Trumper /David L | 02/01/15 | 12/31/18 | 0 | 51,586 | 0 |
| | | 6938151 | C | P267110 | PO 231016082 | Trumper /David L | 02/01/18 | 12/31/22 | 723 | 56,500 | 11,021 |
| | **Total by Primary Sponsor** | | | | | | | | **132,480** | **2,300,171** | **248,615** |
| 005164 Ferrari S.p.A. | 005164 Ferrari S.p.A. | 6893520 | C | P065005 | OA#99025367-CF#19655-CM#PREST, | Tian /Tian | 06/01/02 | 12/31/21 | (13,780) | 688,064 | 16,465 |
| | **Total by Primary Sponsor** | | | | | | | | **(13,780)** | **688,064** | **16,465** |
| 005165 Applied Physics Lab of | 007360 Smithsonian Ins | 6940403 | C | P159600 | SV9-89008 | Richardson /John D | 10/01/18 | 09/30/22 | 69,813 | 105,440 | 3,367 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Johns Hopkins | 007617 University of Mi | 6936077 | C | P401710 | A005821704/PRIME 137188 | Foster /John C | 07/15/16 | 09/30/21 | 21,502 | 457,703 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **91,315** | **563,143** | **3,367** |
| 005198 Veeco Instruments, Incorporated | 005198 Veeco Instruments, Incorporate | 6939520 | C | P065005 | SRA DTD. 10/9/2018 | Slocum /Alexander H | 09/01/18 | 06/30/21 | (6,310) | 472,336 | 133 |
| | | 6941089 | C | P065005 | SRA DTD. 10/9/2018 | Slocum /Alexander H | 01/01/19 | 06/30/21 | 0 | 32,664 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(6,310)** | **505,000** | **133** |
| 005209 Arnold An Mabel Beckman Foundation | 005209 Arnold And Mabel Beckman Foundation | 6932156 | C | P061901 | AGMT DTD 6/17/2015 | Shalek /Alexander K | 09/01/15 | 08/31/19 | 0 | 750,513 | (0) |
| | | 6934355 | C | P152000 | LTR. AGREEMENT DTD. 06/15/2016 | Schlau-Cohen /Gabriela S | 06/01/16 | 08/31/22 | 101,869 | 750,000 | 8,940 |
| | | 6935723 | C | P151002 | LETTER DATED FEB 1, 2017 | Schwartz /Thomas | 07/01/17 | 06/30/24 | 0 | 2,500,000 | 0 |
| | | 6936187 | C | P267600 | AGMT DTD 4/6/17 | Fujimoto /James G | 09/01/17 | 08/31/20 | 11,996 | 400,000 | 95,827 |
| | | 6938532 | C | P159300 | AGMT DATED 4/10/18 | Bear /Mark | 09/01/18 | 11/30/21 | 131,215 | 400,000 | 0 |
| | | 6945490 | C | P152000 | LETTER DTD 05/17/2021 | Wendlandt /Alison | 09/01/21 | 08/31/22 | 60,923 | 150,000 | 89,077 |
| | | 6945499 | C | P152000 | LETTER DTD. 05/12/2021 | McGuire /Brett A | 09/01/21 | 08/31/22 | 36,910 | 150,000 | 113,090 |
| | **Total by Primary Sponsor** | | | | | | | | **342,913** | **5,100,513** | **306,934** |
| 005214 Shell International Exploration & Production, Inc. | 005214 Shell International Exploratior & Production, Inc. | 6921907 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Armstrong /Robert C | 04/01/10 | 12/31/24 | 0 | 131,829 | 131,829 |
| | | 6922053 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Germaine /John T | 04/15/10 | 10/31/13 | 0 | 95,529 | 0 |
| | | 6924968 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Varanasi /Kripa | 07/01/11 | 12/31/17 | 0 | 1,639,934 | 0 |
| | | 6924969 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Ulm /Franz-Josef | 09/01/11 | 08/31/16 | 0 | 2,500,000 | (0) |
| | | 6925132 | C | P320000 | PO #4550161075 | Indyk /Piotr | 12/01/11 | 11/30/19 | 0 | 1,586,425 | 0 |
| | | 6925133 | C | P320000 | CONTRACT# GFSTE10000327 PO 45 | Freeman /William T | 12/01/11 | 05/31/18 | 0 | 3,364,587 | 0 |
| | | 6925154 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Buyukozturk /Oral | 12/01/11 | 05/31/18 | 0 | 2,000,000 | (0) |
| | | 6925199 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Poggio /Tomaso A | 12/01/11 | 11/30/19 | 0 | 1,157,460 | (0) |
| | | 6925200 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Jaakkola /Tommi S | 12/01/11 | 11/30/17 | 0 | 369,168 | 0 |
| | | 6925201 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Freeman /William T | 12/01/11 | 04/30/15 | 0 | 193,409 | (0) |
| | | 6925313 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Adelson /Edward H | 12/01/11 | 11/30/17 | 0 | 875,000 | (0) |
| | | 6925314 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Durand /Frederic | 12/01/11 | 11/30/17 | 0 | 871,970 | (0) |
| | | 6925315 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Fisher /John W | 12/01/11 | 11/30/17 | 0 | 870,720 | 0 |
| | | 6925538 | C | P320000 | SHELL - MITEI CONTRACT PT14937, | Reilly /John M | 09/01/11 | 08/31/17 | 0 | 625,000 | (0) |
| | | 6925837 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Indyk /Piotr | 06/01/12 | 08/15/12 | 0 | 16,856 | (0) |
| | | 6925884 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Liu /Yuming | 02/15/12 | 03/31/14 | 0 | 312,210 | 0 |
| | | 6925910 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Wierzbicki /Tomasz | 01/01/12 | 12/31/13 | 0 | 200,000 | 0 |
| | | 6926393 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Buyukozturk /Oral | 09/01/12 | 05/31/13 | 0 | 60,000 | 0 |
| | | 6926394 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Varanasi /Kripa | 09/01/12 | 05/31/13 | 0 | 60,000 | 0 |
| | | 6926519 | C | P320000 | MITEI FDG MBR; PO 4550085497; CC | Chandrakasan /Anantha P | 07/01/12 | 08/31/16 | 0 | 650,000 | (0) |
| | | 6926530 | C | P320000 | SHELL CONTRACT NO. GFSTE10000 | Grossman /Jeffrey C. | 09/01/12 | 01/15/14 | 0 | 59,653 | 0 |
| | | 6926708 | C | P320000 | MITEI FDG MBR; PO 4550113903, CI | Belcher /Angela M | 04/01/12 | 09/30/17 | 0 | 1,399,844 | (0) |
| | | 6926937 | C | P320000 | MITEI FDG MBR; PO 4550085497; CC | Gleason /Karen K | 07/01/12 | 08/31/16 | 0 | 250,000 | (0) |
| | | 6927490 | C | P320000 | SHELL MITEI FDG MEMBER CONTRA | Hager /Bradford H | 01/01/13 | 12/31/16 | 0 | 749,999 | 0 |
| | | 6927575 | C | P320000 | PO 4550121657 | Grossman /Jeffrey C. | 03/01/13 | 02/28/17 | 0 | 680,000 | 0 |
| | | 6927737 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Poggio /Tomaso A | 05/27/13 | 08/31/13 | 0 | 30,282 | 0 |
| | | 6928509 | C | P320000 | MITEI FDG MEMBER/PO 4550084008. | Yue /Dick K. P. | 08/01/13 | 01/31/15 | 0 | 148,892 | 0 |
| | | 6929104 | C | P320000 | SHELL MITEI FOUNDING MEMBERSI | Indyk /Piotr | 01/01/14 | 11/30/17 | 0 | 240,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929108 | C | P320000 | PT44795 PO 4550103329 | Fisher /John W | 02/01/14 | 03/31/18 | 0 | 399,621 | (0) |
| | | 6929109 | C | P320000 | PT44796 PO 4550103789 | Freeman /William T | 02/01/14 | 01/31/18 | 0 | 212,207 | 0 |
| | | 6929417 | C | P320000 | PT439-49/PO4550096753 | Liu /Yuming | 02/01/14 | 01/31/15 | 0 | 111,503 | 0 |
| | | 6929480 | C | P320000 | MITEI FDG MBR; PO 4550086206; CC | Belcher /Angela M | 09/01/13 | 09/30/14 | 0 | 60,000 | (0) |
| | | 6929737 | C | P320000 | PT44885 PO 4550101027 PO 4550114 | Edelman /Alan | 03/15/14 | 03/14/17 | 0 | 315,000 | (0) |
| | | 6930039 | C | P320000 | SHELL - MITEI CONTRACT PT14937, | Reilly /John M | 05/01/14 | 08/31/17 | 0 | 240,000 | 0 |
| | | 6930040 | C | P320000 | PT44796 PO TBD | Durand /Frederic | 02/01/14 | 01/31/17 | 0 | 244,960 | 0 |
| | | 6930174 | C | P320000 | PT46708 PO 4550100618, SHELL-MIT | Katz /Boris | 06/01/14 | 08/31/15 | 0 | 98,432 | (0) |
| | | 6930320 | C | P320000 | MITEI FDG MEMBER/PO 4550084008 | Yue /Dick K. P. | 07/15/14 | 01/31/15 | 0 | 11,314 | 0 |
| | | 6930470 | C | P320000 | SHELL CONTRACT PT48209 PO 455( | Ono /Shuhei | 09/01/14 | 05/31/16 | 0 | 29,974 | 0 |
| | | 6930496 | C | P320000 | PT44885 PO 4550101027 | Germaine /John T | 03/15/14 | 03/14/16 | 0 | 157,000 | 0 |
| | | 6931143 | C | P320000 | SHELL CONTRACT PT48209 PO 455( | Ono /Shuhei | 09/01/14 | 05/31/16 | 0 | 119,801 | 0 |
| | | 6931260 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 09/01/14 | 08/31/17 | 0 | 62,500 | (0) |
| | | 6931355 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 09/01/14 | 08/31/15 | 0 | 60,000 | 0 |
| | | 6931356 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 09/01/14 | 08/31/15 | 0 | 60,000 | 0 |
| | | 6931559 | C | P320000 | SHELL PO 4550055813, SHELL PT 19 | Broderick /Tamara A | 12/01/11 | 02/28/18 | 0 | 71,072 | (0) |
| | | 6931560 | C | P320000 | SHELL PO 4550055813, SHELL PT 19 | Jegelka /Stefanie Sabrina | 12/01/11 | 11/30/17 | 0 | 62,869 | (0) |
| | | 6932674 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 09/01/15 | 08/31/16 | 0 | 60,000 | 0 |
| | | 6933668 | C | P320000 | PT61645 - PO 4550149970 | Pellenq /Roland Jm | 03/01/16 | 02/28/18 | 0 | 350,000 | (0) |
| | | 6934137 | C | P320000 | PT62722 PO4550134160 | Wierzbicki /Tomasz | 05/01/16 | 01/31/17 | 0 | 100,000 | 0 |
| | | 6934373 | C | P320000 | PT62881--PO-4550138611 | Buyukozturk /Oral | 06/01/16 | 09/30/17 | 0 | 49,993 | 0 |
| | | 6934374 | C | P320000 | PT61645 - PO 4550131491 | Buyukozturk /Oral | 06/01/16 | 05/31/18 | 0 | 60,000 | (0) |
| | | 6934386 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Buyukozturk /Oral | 12/01/15 | 05/31/18 | 0 | 59,998 | 0 |
| | | 6935054 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 07/01/16 | 08/31/17 | 0 | 59,979 | (0) |
| | | 6935055 | C | P320000 | SHELL CONTRACT PT50338 PO 455( | Ceyer /Sylvia Teresse | 07/01/16 | 08/31/17 | 0 | 60,000 | 0 |
| | | 6935057 | C | P320000 | PO 4550170287 | Ono /Shuhei | 11/01/16 | 12/31/21 | 4,631 | 60,000 | (0) |
| | | 6935058 | C | P320000 | TBD | Ono /Shuhei | 11/01/16 | 07/31/18 | 0 | 82,999 | (0) |
| | | 6935429 | C | P320000 | PT69492 - PO 4550141294 | Goulthorpe /Mark | 11/01/16 | 03/31/19 | 0 | 216,369 | (0) |
| | | 6935613 | C | P320000 | PT69492 - PO 4550141294 | Goulthorpe /Mark | 11/01/16 | 07/31/18 | 0 | 0 | 0 |
| | | 6937058 | C | P320000 | SHELL PO 4550153474 | Buyukozturk /Oral | 06/01/17 | 11/30/20 | 0 | 0 | 0 |
| | | 6937059 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Buyukozturk /Oral | 06/01/17 | 11/30/20 | 0 | 980,080 | (0) |
| | | 6937060 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Freeman /William T | 06/01/17 | 11/30/20 | 0 | 229,857 | 0 |
| | | 6937061 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Buyukozturk /Oral | 06/01/17 | 11/30/20 | 0 | 4,104 | (0) |
| | | 6937513 | C | P320000 | PO 4550176065 | Summons /Roger E | 08/01/17 | 12/31/21 | 83,865 | 709,943 | 0 |
| | | 6937646 | C | P320000 | PO #4550155123 | Belcher /Angela M | 10/01/17 | 12/31/21 | 26,029 | 900,000 | (0) |
| | | 6937653 | C | P320000 | PO# 4550157812 | Willard /Adam P. | 11/01/17 | 10/31/20 | 0 | 335,435 | (0) |
| | | 6937670 | C | P320000 | PT78773, PO# 4550155940 | Varanasi /Kripa | 09/01/17 | 12/31/22 | 26,541 | 150,000 | 1,347 |
| | | 6937702 | C | P320105 | PO 4550149738 | Shao-Horn /Yang | 11/01/17 | 10/31/21 | 0 | 0 | 0 |
| | | 6937916 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Durand /Frederic | 06/01/17 | 11/30/20 | 0 | 223,842 | (0) |
| | | 6937969 | C | P320105 | PO 4550149738 | Grossman /Jeffrey C. | 11/01/17 | 10/31/21 | 11,591 | 375,000 | (0) |
| | | 6937970 | C | P320105 | PO 4550149738 | Shao-Horn /Yang | 11/01/17 | 12/31/21 | 59,869 | 374,530 | 0 |
| | | 6938302 | C | P320105 | PO 4550159168 | Checkelsky /Joseph | 01/22/18 | 10/21/21 | 0 | 0 | 0 |
| | | 6938377 | C | P320105 | PO 4550159168 | Checkelsky /Joseph | 01/22/18 | 10/21/21 | 31 | 514,960 | 0 |
| | | 6938378 | C | P320105 | PO 4550159168 | Fu /Liang | 01/22/18 | 10/21/21 | 44,913 | 371,672 | (0) |
| | | 6938379 | C | P320105 | PO 4550159168 | Gedik /Nuh | 01/22/18 | 10/21/21 | 57,610 | 372,906 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938466 | C | P320000 | PO #4550155123 | Belcher /Angela M | 10/01/17 | 09/30/20 | 0 | 0 | 0 |
| | | 6939005 | C | P320000 | CONTRACT #CW115385/ PO 455016 | Bazant /Martin Z | 05/01/18 | 12/31/22 | 17,087 | 316,517 | 3,468 |
| | | 6939037 | C | P320105 | PO 4550159168 | Checkelsky /Joseph | 07/01/18 | 12/28/20 | 0 | 72,821 | 0 |
| | | 6939326 | C | P320105 | PO 4550159168 | Gedik /Nuh | 08/01/18 | 03/01/19 | 0 | 15,354 | 0 |
| | | 6939955 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Olivetti /Elsa A | 09/01/18 | 12/31/19 | 0 | 90,935 | (0) |
| | | 6940237 | C | P320000 | CONTRACT #CW115385/ PO 455016 | Shao-Horn /Yang | 05/01/18 | 12/31/22 | 73,769 | 443,851 | 64,787 |
| | | 6940282 | C | P320000 | PO 4550171405 | Varanasi /Kripa | 09/01/18 | 08/31/23 | 184,348 | 600,000 | 23,859 |
| | | 6940292 | C | P320000 | PO#4550169865 | Kim /Yoon Jeon | 10/01/18 | 03/31/20 | 0 | 97,772 | (0) |
| | | 6941860 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Rupp /Jennifer Lilia Marguerit | 11/01/19 | 10/31/22 | 269,544 | 683,600 | (85,949) |
| | | 6941931 | C | P320000 | CONTRACT # CW290254 / PO# 45501 | Hatton /Trevor Alan | 09/01/19 | 08/31/22 | 149,706 | 842,950 | 156,608 |
| | | 6942112 | C | P320000 | RPP# CW320932 / PO# 4550195906 | Nepf /Heidi | 12/01/19 | 08/31/22 | 66,183 | 239,233 | 39,958 |
| | | 6942292 | C | P320000 | CONTRACT# CW288687 / PO# 45311 | Reinhart /Christoph | 07/15/19 | 05/31/21 | 0 | 96,627 | 0 |
| | | 6942338 | C | P320000 | CONTRACT# CW331422 / PO 455018 | Olivetti /Elsa A | 01/01/20 | 12/31/22 | 60,835 | 597,556 | 463,382 |
| | | 6942780 | C | P320105 | PO 4550159168 | Gedik /Nuh | 03/01/20 | 10/21/21 | 5,160 | 10,752 | 0 |
| | | 6942994 | C | P320000 | CONTRACT CW353869; PO 45501864 | Paltsev /Sergey | 03/01/20 | 02/28/21 | 0 | 150,000 | (0) |
| | | 6943882 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Armstrong /Robert C | 01/01/20 | 01/02/25 | 0 | 2,129,971 | 2,129,971 |
| | | 6944235 | C | P320000 | CONTRACT # CW290254 / PO# 45501 | Hatton /Trevor Alan | 10/08/20 | 03/31/21 | 0 | 7,529 | 0 |
| | | 6944634 | C | P320000 | PO# 4550197378 / CW469484 | Mallapragada /Dharik Sanchan | 12/01/20 | 12/31/21 | 62,681 | 95,000 | (3,496) |
| | | 6944978 | C | P320105 | PO 4550159168 | Gedik /Nuh | 03/01/21 | 10/01/21 | 2,652 | 6,296 | 0 |
| | | 6944981 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Gencer /Emre | 02/01/21 | 05/31/22 | 156,173 | 200,000 | (14) |
| | | 6945263 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Hart /Anastasios John | 03/01/21 | 08/31/22 | 117,183 | 150,000 | 10,014 |
| | | 6945327 | C | P320000 | PROJ# CW79298/PO# 4550199584 | Summons /Roger E | 07/01/21 | 06/30/23 | 249,315 | 707,898 | 458,583 |
| | | 6945747 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Paltsev /Sergey | 06/01/21 | 05/31/22 | 150,000 | 150,000 | (0) |
| | | 6945843 | C | P320000 | PROJ CW516786 / PO 4550201959 | Nepf /Heidi | 05/01/21 | 12/31/24 | 35,378 | 181,198 | 145,820 |
| | | 6946381 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Mallapragada /Dharik Sanchan | 09/01/21 | 08/31/23 | 68,151 | 150,000 | 81,849 |
| | | 6946389 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Mallapragada /Dharik Sanchan | 09/21/21 | 11/30/22 | 87,575 | 150,000 | 62,425 |
| | | 6947061 | C | P320000 | CONTRACT # CW290254 / PO# 45501 | Hatton /Trevor Alan | 12/01/20 | 08/31/22 | 9,094 | 23,531 | 14,437 |
| | | 6947168 | C | P320000 | SHELL MITEI FOUNDING MEMBERSH | Bazant /Martin Z | 01/03/22 | 01/02/25 | 54,067 | 290,948 | 236,881 |
| | **Total by Primary Sponsor** | | | | | | | | **2,133,982** | **38,657,025** | **3,935,759** |
| 005231 Barr Foundation | 005231 Barr Foundation | 6943552 | C | P035000 | 20-08718 | Zhao /Jinhua | 07/17/20 | 12/31/22 | 224,654 | 445,000 | 75,794 |
| | **Total by Primary Sponsor** | | | | | | | | **224,654** | **445,000** | **75,794** |
| 005250 Battelle Memorial Institute | 005250 Battelle Memori | 6923291 | C | P065005 | SUBCONTRACT 449896-LINE 2 | Schmidt /Henrik | 01/15/11 | 08/23/18 | (1,230) | 1,414,382 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(1,230)** | **1,414,382** | **(0)** |
| 005280 Amazon.com | 005280 Amazon.com | 6943503 | C | P067952 | CC MISC 00272683 2020 TR | Tedrake /Russell L | 07/01/20 | 06/30/21 | (6,855) | 300,050 | 0 |
| | | 6944782 | C | P069500 | AGREEMENT EFFECTIVE 1/7/2021 | Sheffi /Yosef | 01/01/21 | 06/30/22 | 249,252 | 445,000 | 1,140 |
| | | 6945683 | C | P268001 | AGRMT EFFECTIVE 7/1/2021 | Han /Song | 07/01/21 | 06/30/23 | 0 | 182,000 | 182,000 |
| | **Total by Primary Sponsor** | | | | | | | | **242,397** | **927,050** | **183,140** |
| 005299 Mitsubishi Electric Research | 005299 Mitsubishi Elect | 6939685 | C | P067952 | | Torralba /Antonio | 10/22/18 | 10/21/21 | (5,221) | 337,753 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Electric Research Laboratory (MERL | **Total by Primary Sponsor** | | | | | | | | **(5,221)** | **337,753** | **0** |
| 005335 Burroughs Wellcome Fund | 005335 Burroughs Wellcome Fund | 6934532 | C | P039000 | 1016432 | Esvelt /Kevin Michael | 07/15/16 | 08/31/22 | 0 | 430,000 | 49,885 |
| | | 6945580 | C | P151040 | REQUEST ID#: 1021330 | Lourido /Sebastian | 07/01/21 | 07/01/26 | 87,946 | 50,000 | (37,946) |
| | **Total by Primary Sponsor** | | | | | | | | **87,946** | **480,000** | **11,939** |
| 005365 Novartis Pharmaceuticals Corp. | 005365 Novartis Pharm | 6946846 | C | P069400 | AGMT DTD 1/12/22 | Hirsch /Paula | 11/01/21 | 08/31/22 | 124,945 | 125,000 | 55 |
| | **Total by Primary Sponsor** | | | | | | | | **124,945** | **125,000** | **55** |
| 005388 Zebra Technologies Corporation | 005388 Zebra Technolo | 6946734 | C | P063007 | AGRMT EFFECTIVE TBD | Simchi-Levi /David | 12/15/21 | 12/14/23 | 137,833 | 150,000 | 12,167 |
| | **Total by Primary Sponsor** | | | | | | | | **137,833** | **150,000** | **12,167** |
| 005408 California Institute of Technology | 005408 California Institu | 6941775 | C | P153000 | 65H-S445820 | Weiss /Benjamin P | 09/01/19 | 08/31/22 | 47,961 | 114,588 | 57,201 |
| | **Total by Primary Sponsor** | | | | | | | | **47,961** | **114,588** | **57,201** |
| 005420 Carnegie Corporation | 005420 Carnegie Corporation | 6928648 | C | P097500 | B8429.R01 | Tirman /John | 10/01/13 | 09/30/22 | 1,246 | 197,891 | 10,328 |
| | | 6941615 | C | P097500 | G-19-56926 | Fravel /Maris Taylor | 08/01/19 | 06/30/21 | 1,971 | 108,482 | 33,392 |
| | | 6942036 | C | P097500 | B8429.R01 | Tirman /John | 10/01/13 | 09/30/22 | 0 | 8,250 | 0 |
| | | 6942534 | C | P091021 | G-18-56308 | Dadisman /Kimberly | 11/01/19 | 10/31/22 | 68,605 | 127,875 | (30,164) |
| | | 6943492 | C | P097500 | G-20-57432 | Fravel /Maris Taylor | 07/01/20 | 06/30/22 | 372,588 | 671,166 | (16,569) |
| | | 6943750 | C | P091021 | G-18-56308 | Dadisman /Kimberly | 11/01/19 | 10/31/22 | 65,091 | 222,684 | 70,680 |
| | | 6944025 | C | P097500 | G-19-56926 | Fravel /Maris Taylor | 08/01/19 | 06/30/21 | 6,870 | 54,623 | 0 |
| | | 6945674 | C | P097500 | G-20-57675 | Fravel /Maris Taylor | 07/01/21 | 12/31/22 | 103,288 | 277,000 | 173,712 |
| | | 6945741 | C | P097500 | G-19-56926 | Fravel /Maris Taylor | 07/01/21 | 12/31/22 | 104,942 | 173,000 | 68,058 |
| | | 6947268 | C | P097500 | G-21-58747 | Fravel /Maris Taylor | 06/01/22 | 06/30/23 | 0 | 415,000 | 415,000 |
| | **Total by Primary Sponsor** | | | | | | | | **724,601** | **2,255,971** | **724,437** |
| 005460 Children's Hospital Boston | 005460 Children's Hospital Boston | 6940310 | C | P402000 | PO GENFD0001858235 | Hammond /Paula T | 01/01/19 | 06/30/21 | (5,039) | 102,570 | (0) |
| | | 6943406 | C | P267110 | AGT DATED 6/1/20 | Heldt /Thomas | 06/01/20 | 05/31/23 | 30,073 | 200,000 | 114,920 |
| | | 6945155 | C | P061901 | IBD-PREDICT_KEAN | Shalek /Alexander K | 02/01/19 | 03/31/20 | (129) | 87,311 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **24,904** | **389,881** | **114,920** |
| 005566 Crohn's & Colitis Foundation, Inc | 005566 Crohn's & Colitis | 6941699 | C | P267600 | AWARD NUMBER 613348 | Lu /Timothy K | 01/01/19 | 09/30/21 | 593 | 125,000 | 838 |
| | 006570 Massachusetts | 6947635 | C | P061902 | 233218 | Greenberg /Julie E | 02/01/22 | 06/30/22 | 4,690 | 6,013 | 1,323 |
| | **Total by Primary Sponsor** | | | | | | | | **5,283** | **131,013** | **2,161** |
| 005573 Amyotrophic Lateral Sclerosis Association | 005573 Amyotrophic La | 6937782 | C | P267600 | 18-IIA-403 | Lu /Timothy K | 10/01/17 | 03/31/20 | 12,386 | 49,745 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **12,386** | **49,745** | **0** |
| 005595 Cystic Fibrosis Foundation | 005595 Cystic Fibrosis Foundation | 6946481 | C | P400600 | GOOTEN21XX2 | Gootenberg /Jonathan S | 09/01/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946554 | C | P400600 | GOOTEN21XX2 | Gootenberg /Jonathan S | 09/01/21 | 08/31/22 | 426,791 | 479,629 | 52,838 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946555 | C | P400600 | GOOTEN21XX2 | Gootenberg /Jonathan S | 09/01/21 | 08/31/22 | 0 | 10,000 | 10,000 |
| | **Total by Primary Sponsor** | | | | | | | | **426,791** | **489,629** | **62,838** |
| 005610 Damon Runyon Cancer Research Foundation | 005610 Damon Runyon Cancer Research | 6942275 | C | P402000 | DRR 58-20 | Birnbaum /Michael E | 01/01/20 | 12/31/22 | 165,718 | 600,000 | 150,709 |
| | | 6944662 | C | P151076 | AGMT DTD 11/15/19 | Case /Lindsay B | 01/01/21 | 12/31/22 | (1,118) | 100,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **164,600** | **700,000** | **150,709** |
| 005661 Intuitive Surgical, Inc. | 006570 Massachusetts | 6947560 | C | P061902 | 232602 | Greenberg /Julie E | 01/16/22 | 05/31/22 | 9,301 | 9,303 | 2 |
| | **Total by Primary Sponsor** | | | | | | | | **9,301** | **9,303** | **2** |
| 005678 Draper Laboratory Incorporated | 005678 Draper Laborat | 6944186 | C | P417500 | SC001- 1369 | Hu /Juejun | 10/01/20 | 06/25/21 | (9,341) | 131,867 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(9,341)** | **131,867** | **(0)** |
| 005680 The Camille & Henry Dreyfus Foundatio | 005680 The Camille & H | 6946049 | C | P066000 | ML-21-014 | Gomez-Bombarelli /Rafael | 09/01/21 | 08/31/22 | 4,189 | 120,000 | 115,811 |
| | **Total by Primary Sponsor** | | | | | | | | **4,189** | **120,000** | **115,811** |
| 005726 Electronics & Telecommunicatio s Research Institute (ETRI) | 005726 Electronics & Telecommunications | 6946001 | C | P039000 | AGREEMENT DATED 2/1/2021 | Park /Hae Won | 02/01/21 | 11/30/22 | 14,578 | 172,000 | 157,422 |
| | | 6946010 | C | P039000 | AGREEMENT DATED 2/1/2021 | Park /Hae Won | 02/01/21 | 11/30/21 | 106,000 | 106,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **120,578** | **278,000** | **157,422** |
| 005737 EPOCH-IT | 005737 EPOCH-IT | 6808900 | C | P067914 | AGREEMENT DATED 1/1/99 | Rus /Daniela L | 01/01/99 | 12/31/22 | 0 | 266,931 | 100,975 |
| | | 6862600 | C | P067952 | AGREEMENT DATED 1/1/99 | Grimson /William E | 01/01/99 | 12/31/05 | 0 | 59,976 | 0 |
| | | 6862700 | C | P067952 | AGREEMENT DATED 1/1/99 | Brooks /Rodney Allen | 01/01/99 | 12/31/18 | 0 | 59,601 | 0 |
| | | 6862800 | C | P067952 | AGREEMENT DATED 1/1/99 | Rivest /Ronald L | 01/01/99 | 03/31/04 | 0 | 30,000 | (0) |
| | | 6870100 | C | P067952 | AGREEMENT DATED 1/1/99 | Teller /Seth | 01/01/99 | 12/31/06 | 0 | 29,996 | 0 |
| | | 6890289 | C | P067952 | AGREEMENT DATED 1/1/99 | Agarwal /Anant | 01/01/99 | 12/31/04 | 0 | 30,000 | 0 |
| | | 6890507 | C | P067952 | AGREEMENT DATED 1/1/99 | Berners-Lee /Timothy J | 01/01/00 | 12/31/07 | 0 | 89,986 | 0 |
| | | 6890798 | C | P067952 | AGREEMENT DATED 1/1/99 | Devadas /Srinivas | 06/01/00 | 12/31/17 | 0 | 29,979 | (0) |
| | | 6891749 | C | P067952 | AGREEMENT DATED 1/1/99 | Knight /Thomas F | 01/01/99 | 12/31/04 | 0 | 30,000 | (0) |
| | | 6892297 | C | P067952 | AGREEMENT DATED 1/1/99 | Darrell /Trevor J | 01/01/01 | 12/31/04 | 0 | 30,000 | (0) |
| | | 6892298 | C | P067952 | AGREEMENT DATED 1/1/99 | Kaelbling /Leslie P | 01/01/01 | 06/13/14 | 0 | 29,994 | 0 |
| | | 6892407 | C | P068600 | AGREEMENT DATED 1/1/99 | McMillan /Leonard | 07/01/01 | 12/30/03 | 0 | 30,000 | 0 |
| | | 6892488 | C | P067952 | AGREEMENT DATED 1/1/99 | Dorsey /Julie | 07/01/01 | 12/31/04 | 0 | 30,000 | 0 |
| | | 6893220 | C | P067952 | AGREEMENT DATED 1/1/99 | Asanovic /Krste | 01/01/02 | 12/31/06 | 0 | 30,000 | 0 |
| | | 6893221 | C | P067952 | AGREEMENT DATED 1/1/99 | Clark /David D | 01/01/99 | 12/31/09 | 0 | 60,000 | (0) |
| | | 6893222 | C | P067952 | AGREEMENT DATED 1/1/99 | Guttag /John V | 01/01/99 | 12/31/17 | 0 | 29,611 | (0) |
| | | 6893223 | C | P067952 | AGREEMENT DATED 1/1/99 | Kaashoek /M. Frans | 01/01/02 | 12/31/22 | 236 | 30,000 | 1,018 |
| | | 6893224 | C | P067952 | AGREEMENT DATED 1/1/99 | Leiserson /Charles E | 01/01/99 | 12/31/07 | 0 | 30,000 | 0 |
| | | 6893225 | C | P067952 | AGREEMENT DATED 1/1/99 | Liskov /Barbara H | 01/01/02 | 04/30/07 | 0 | 30,000 | (0) |
| | | 6893226 | C | P067952 | AGREEMENT DATED 1/1/99 | Szolovits /Peter | 01/01/99 | 12/31/22 | 0 | 30,000 | 1,118 |
| | | 6893227 | C | P067952 | AGREEMENT DATED 1/1/99 | Ward /Stephen A | 01/01/99 | 12/31/22 | 0 | 30,000 | (80) |
| | | 6893228 | C | P067952 | AGREEMENT DATED 1/1/99 | Zue /Victor Waito | 01/01/99 | 12/31/22 | 28,150 | 210,000 | 32,302 |
| | | 6893229 | C | P067952 | AGREEMENT DATED 1/1/99 | Balakrishnan /Hari | 01/01/99 | 12/31/04 | 0 | 5,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6923866 | C | P067952 | AGREEMENT DATED 1/1/99 | Matusik /Wojciech | 05/02/11 | 12/31/14 | 0 | 39,387 | (0) |
| | | 6926033 | C | P067952 | AGREEMENT DATED 1/1/99 | Matusik /Wojciech | 12/01/11 | 12/31/14 | 0 | 10,613 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **28,386** | **1,281,074** | **135,333** |
| 005770 Novartis Institutes for BioMedical Research Incorporated | 005770 Novartis Institutes for BioMedical Research Incorporated | 6936627 | C | P402000 | AGREEMENT | Hammond /Paula T | 06/28/17 | 08/31/21 | 23,713 | 263,189 | (0) |
| | | 6946723 | C | P069201 | AGREEMENT DATED 01/18/2022 | Kamm /Roger Dale | 01/18/22 | 09/30/22 | 0 | 18,586 | 18,586 |
| | **Total by Primary Sponsor** | | | | | | | | **23,713** | **281,775** | **18,586** |
| 005821 Anonymous Foundation A | 005821 Anonymous Foundation A | 6943485 | C | P060000 | LTR DATED MAY 28,2020 | Chandrakasan /Anantha P | 06/01/20 | 11/30/21 | 0 | 1,056 | 1,056 |
| | | 6944358 | C | P065005 | LTR DATED MAY 28,2020 | Slocum /Alexander H | 03/01/20 | 05/31/22 | 123,856 | 150,000 | 26,144 |
| | | 6944359 | C | P402000 | LTR DATED MAY 28,2020 | Garg /Salil | 03/01/20 | 05/31/22 | 43,564 | 150,000 | (2,023) |
| | | 6944360 | C | P402000 | LTR DATED MAY 28,2020 | Belcher /Angela M | 03/01/20 | 11/30/21 | 199,777 | 199,777 | (0) |
| | | 6944361 | C | P402000 | LTR DATED MAY 28,2020 | Yaffe /Michael B | 06/01/20 | 11/30/21 | 97,257 | 150,000 | (607) |
| | | 6944362 | C | P402000 | LTR DATED MAY 28,2020 | Langer /Robert S | 03/01/20 | 07/31/21 | 15,181 | 150,000 | 0 |
| | | 6944363 | C | P402000 | LTR DATED MAY 28,2020 | Li /Hojun | 03/01/20 | 07/31/21 | 17,568 | 149,167 | 0 |
| | | 6944364 | C | P061901 | LTR DATED MAY 28,2020 | Edelman /Elazer R | 03/01/20 | 07/31/21 | 178,494 | 175,000 | (3,494) |
| | | 6946260 | C | P400600 | LETTER DATED AUGUST 6, 2021 | Fiete /Ila R | 08/06/21 | 08/01/23 | 2,001,225 | 4,150,000 | 2,148,775 |
| | 006570 Massachusetts General Hospital | 6942930 | C | P067952 | 234176 | Barzilay /Regina | 02/01/19 | 01/31/20 | 0 | 111,937 | 50,682 |
| | | 6944625 | C | P067952 | 2019A000061/234176 | Barzilay /Regina | 02/01/20 | 01/31/22 | 29,690 | 294,649 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,706,613** | **5,681,586** | **2,220,532** |
| 005827 Fujitsu Laboratories | 005827 Fujitsu Laboratories | 6940838 | C | P400600 | AGMT DTD 4/1/19 | Poggio /Tomaso A | 04/01/19 | 10/31/19 | 2 | 90,000 | 0 |
| | | 6944699 | C | P400600 | AGRMT EFFECTIVE 11/1/2020 | Poggio /Tomaso A | 11/01/20 | 02/15/22 | 186,794 | 338,000 | 760 |
| | **Total by Primary Sponsor** | | | | | | | | **186,796** | **428,000** | **760** |
| 005831 DSO National Laboratories | 005831 DSO National Laboratories | 6944085 | C | P067952 | DSO AGREEMENT #DSOCO19056 | Barzilay /Regina | 01/01/21 | 06/30/22 | 3,708 | 62,500 | 58,438 |
| | | 6945434 | C | P067952 | DSO AGREEMENT #DSOCO19056 | Jaakkola /Tommi S | 01/01/21 | 06/30/22 | 63,312 | 62,500 | (812) |
| | | 6946712 | C | P417500 | DSOCO21059 | Olson /Gregory B. | 12/01/21 | 12/31/22 | 51,058 | 200,000 | 148,942 |
| | | 6946719 | C | P068700 | DSOCO21070 | Shah /Devavrat | 12/01/21 | 05/31/23 | 5,929 | 200,000 | 194,071 |
| | **Total by Primary Sponsor** | | | | | | | | **124,006** | **525,000** | **400,640** |
| 005852 Ford Foundation - All Other | 005852 Ford Foundation - All Other | 6939276 | C | P095500 | 129443 | Tsai /Lily L | 08/01/18 | 12/31/21 | 50,616 | 600,000 | (0) |
| | | 6944468 | C | P093800 | 137210 | Uricchio /William C | 07/01/20 | 06/30/22 | 26,766 | 220,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **77,382** | **820,000** | **(0)** |
| 005855 The Michael J. Fox Foundation for Parkinson's | 007845 Yale University | 6946890 | C | P400600 | CON-80003314 (GR114603) | Boyden /Edward | 11/01/21 | 10/31/22 | 24,399 | 54,205 | 29,806 |
| | **Total by Primary Sponsor** | | | | | | | | **24,399** | **54,205** | **29,806** |
| 005889 ROHM Co., Ltd. | 005889 ROHM Co., Ltd. | 6939214 | C | P065004 | AGMT DTD 07/24/2018 | Kim /Jeehwan | 06/01/18 | 03/31/23 | 459,091 | 1,416,014 | 168,558 |
| | **Total by Primary Sponsor** | | | | | | | | **459,091** | **1,416,014** | **168,558** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 005946 Magna International, Incorporated | 005946 Magna Internati | 6947744 | C | P065002 | AGMT EFF 1/1/22 | Rodriguez Garcia /Alberto | 01/01/22 | 12/31/22 | 0 | 96,000 | 96,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **96,000** | **96,000** |
| 005979 Google, In | 005979 Google, Inc | 6933252 | C | P066000 | PO#465350 | Chiang /Yet-Ming | 01/01/16 | 12/31/21 | 3,042 | 1,200,147 | (939) |
| | | 6933535 | C | P039010 | MEDIA LAB CONSORTIA | Oxman /Neri | 09/01/15 | 07/31/17 | 0 | 300,000 | (0) |
| | | 6938754 | C | P039010 | AGREEMENT DATED 5/15/18 | Maes /Patricia | 03/01/18 | 05/31/21 | (195) | 530,640 | 0 |
| | | 6946101 | C | P417000 | PO 4100087736 | Johnson /Steven G | 07/29/21 | 07/28/22 | 98,824 | 110,000 | 11,176 |
| | | 6946655 | C | P067952 | PO# 4100134940 SOW# 817188 | Isola /Phillip John | 11/17/21 | 11/16/22 | 72,642 | 140,000 | 67,358 |
| | | 6946658 | C | P121012 | PO# 4100134940 SOW# 817192 | Mazumder /Rahul | 11/17/21 | 11/16/22 | 57,302 | 140,000 | 82,698 |
| | | 6946662 | C | P067952 | PO# 4100134940 SOW# 817181 | Horn /Berthold K P | 01/01/22 | 12/31/22 | 95,047 | 140,000 | 44,953 |
| | | 6946663 | C | P061097 | PO# 4100134940 SOW# 817177 | Marzouk /Youssef M | 11/17/21 | 11/16/22 | 64,926 | 140,000 | 75,074 |
| | | 6947028 | C | P039000 | PO# 4100151700 SOW #842328 | Ishii /Hiroshi | 12/20/21 | 12/15/23 | 0 | 150,000 | 150,000 |
| | **Total by Primary Sponsor** | | | | | | | | **391,588** | **2,850,787** | **430,320** |
| 005987 Honda Research Institute USA, Inc. | 005987 Honda Researc Institute USA, Inc. | 6938443 | C | P067952 | PURCHASE ORDER 4500293813 | Roy /Nicholas | 04/01/18 | 08/15/22 | (71,276) | 897,156 | 32,413 |
| | | 6938674 | C | P067952 | PURCHASE ORDER 4500293813 | Lozano-Perez /Tomas | 04/01/18 | 07/31/21 | 42,613 | 900,000 | (0) |
| | | 6938675 | C | P067952 | PURCHASE ORDER 4500293813 | Tenenbaum /Joshua B | 04/01/18 | 07/31/21 | 0 | 902,844 | 0 |
| | | 6943334 | C | P243020 | PO 4500322671 / HRI-000007-3 | Li /Ju | 08/01/20 | 07/31/22 | 200,775 | 201,250 | (158,320) |
| | | 6943682 | C | P243020 | PO 4500323139 / HRI-000008-3 | Li /Ju | 08/01/20 | 09/30/22 | 169,502 | 260,000 | (74,801) |
| | | 6945201 | C | P267100 | P.O. HRI-001835 | Cappellaro /Paola | 12/01/20 | 02/28/23 | 118,044 | 400,000 | 280,516 |
| | | 6947798 | C | P267111 | PO NO. HRI-001770 | Englund /Dirk R. | 05/02/22 | 04/15/24 | 0 | 350,000 | 350,000 |
| | **Total by Primary Sponsor** | | | | | | | | **459,657** | **3,911,250** | **429,808** |
| 006012 Bill & Melinda Gates Foundation | 005321 Brigham & Wor | 6947832 | C | P065005 | AGREEMENT# 126186 | Traverso /Carlo Giovanni | 01/15/22 | 08/31/22 | 0 | 39,125 | 39,125 |
| | 005460 Children's Hospital Boston | 6944302 | C | P062000 | GENFD0001894533 | Hammond /Paula T | 08/28/20 | 08/31/21 | 44,476 | 133,385 | 0 |
| | | 6946102 | C | P062000 | GENFD0002097203 | Hammond /Paula T | 09/01/21 | 08/31/22 | 255,809 | 348,807 | 92,997 |
| | 006012 Bill & Melinda Gates Foundation | 6925376 | C | P091020 | OPP1037202 | Duflo /Esther | 10/14/11 | 10/31/19 | (4,951) | 30,144 | 0 |
| | | 6928061 | C | P402012 | OPP1096734 | Langer /Robert S | 08/22/13 | 08/31/16 | 0 | 3,242,048 | (0) |
| | | 6928538 | C | P402012 | OPP1095790 | Langer /Robert S | 08/27/13 | 12/31/16 | 0 | 4,245,197 | 0 |
| | | 6928555 | C | P402012 | OPP1087261 | Langer /Robert S | 08/27/13 | 10/31/21 | 0 | 1,593,036 | (0) |
| | | 6928701 | C | P067952 | OPP1095790 | Matusik /Wojciech | 08/27/13 | 08/31/14 | 0 | 60,000 | (0) |
| | | 6930178 | C | P402012 | OPV1100799 | Langer /Robert S | 06/17/14 | 06/30/16 | 0 | 1,261,031 | 0 |
| | | 6931079 | C | P402012 | AGREEMENT DATED 6/10/14 | Langer /Robert S | 06/17/14 | 10/31/21 | 0 | 467,520 | 0 |
| | | 6931081 | C | P402012 | AGREEMENT DATED 6/10/14 | Langer /Robert S | 06/17/14 | 10/31/21 | 0 | 185,267 | 0 |
| | | 6932249 | C | P402000 | OPP1131518 | Langer /Robert S | 07/15/15 | 07/31/17 | 0 | 315,832 | 0 |
| | | 6932917 | C | P402000 | OPP1139921 | Langer /Robert S | 09/01/15 | 06/30/18 | 0 | 2,283,619 | 0 |
| | | 6933063 | C | P402000 | OPP1139937 | Langer /Robert S | 09/01/15 | 06/30/18 | 0 | 2,159,908 | 0 |
| | | 6933064 | C | P402012 | OPP1139927 | Langer /Robert S | 09/01/15 | 06/30/18 | 0 | 2,004,948 | 0 |
| | | 6933122 | C | P402000 | OPP1136638 | Langer /Robert S | 11/19/15 | 04/30/18 | 0 | 972,595 | (0) |
| | | 6934398 | C | P402000 | OPP1150646 | Langer /Robert S | 07/20/16 | 12/31/18 | 0 | 683,133 | 0 |
| | | 6935137 | C | P402012 | OPP1095790 | Langer /Robert S | 09/27/13 | 05/30/20 | 0 | 3,254,782 | (0) |
| | | 6935138 | C | P402012 | OPP1087261 | Langer /Robert S | 09/27/13 | 10/31/21 | 0 | 2,488,034 | 0 |
| | | 6935191 | C | P402000 | OPP1155345 | Langer /Robert S | 09/22/16 | 08/31/22 | 0 | 1,355,640 | 0 |
| | | 6935208 | C | P065005 | OPP1159595 | Varanasi /Kripa | 11/04/16 | 12/31/20 | (1,496) | 1,729,081 | (0) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935213 | C | P069201 | INVESTMENT ID OPP1158199 | Niles /Jacquin | 11/07/16 | 10/31/21 | (18,506) | 1,517,336 | 0 |
| | | 6935611 | C | P402000 | OPP1155120_PROJ 1 | Langer /Robert S | 01/01/17 | 09/30/17 | 0 | 265,098 | (0) |
| | | 6935930 | C | P065005 | OPP1159595 | Varanasi /Kripa | 11/04/16 | 12/31/20 | 0 | 8,043 | 0 |
| | | 6937320 | C | P402000 | OPP1179091 | Langer /Robert S | 10/01/17 | 06/30/22 | 45,199 | 2,560,953 | (277,686) |
| | | 6937567 | C | P402000 | OPP1087261 | Langer /Robert S | 08/27/13 | 10/31/21 | 0 | 419,920 | 0 |
| | | 6937582 | C | P402000 | OPP1807261 | Langer /Robert S | 11/01/17 | 10/31/21 | 78 | 881,209 | (0) |
| | | 6937607 | C | P402000 | OPP1087261 | Langer /Robert S | 10/01/17 | 10/31/21 | 0 | 284,939 | 0 |
| | | 6937755 | C | P402000 | OPP1139937 | Langer /Robert S | 09/01/15 | 06/30/18 | 0 | 60,330 | 0 |
| | | 6938966 | C | P402012 | OPP1087261 | Langer /Robert S | 06/15/18 | 10/31/21 | 0 | 1,095,724 | 0 |
| | | 6939876 | C | P091021 | OPP1201537 | Autor /David H | 11/26/18 | 12/31/22 | 217,560 | 806,493 | 6,942 |
| | | 6939937 | C | P402012 | OPP1150646.S1 | Langer /Robert S | 12/01/18 | 02/01/22 | 12,418 | 800,460 | (2,243) |
| | | 6939939 | C | P402012 | OPP1202654 /INV-007017 | Langer /Robert S | 09/14/18 | 12/31/22 | 6,310 | 909,846 | 54,389 |
| | | 6940035 | C | P069201 | OPP1197938 | Alm /Eric J | 11/29/18 | 05/31/21 | 7,010 | 238,586 | 0 |
| | | 6940147 | C | P069201 | OPP1197938 | Alm /Eric J | 11/29/18 | 06/30/20 | (13,041) | 273,861 | 0 |
| | | 6940245 | C | P091021 | OPP1201537 | Autor /David H | 11/26/18 | 12/31/22 | 278,135 | 437,610 | 87,622 |
| | | 6940308 | C | P091020 | INV-008247 | Suri /Tavneet | 11/28/18 | 12/31/24 | 5,246 | 572,154 | 566,908 |
| | | 6940327 | C | P091020 | INV-008247 | Suri /Tavneet | 01/01/19 | 12/31/24 | 387,183 | 1,100,000 | (487,028) |
| | | 6940328 | C | P091020 | INV-008247 | Suri /Tavneet | 01/01/19 | 12/31/24 | 560,149 | 875,000 | (308,071) |
| | | 6940329 | C | P091020 | INV-008247 | Suri /Tavneet | 01/01/19 | 12/31/24 | 327,936 | 341,328 | (845,436) |
| | | 6941246 | C | P093800 | INV-001186 | Reich /Blair Justin F | 07/25/19 | 12/31/22 | 406,409 | 1,175,375 | 105,569 |
| | | 6941816 | C | P093800 | INV-000752 | Reich /Blair Justin F | 10/11/19 | 08/31/23 | 307,196 | 1,029,055 | 479,881 |
| | | 6941849 | C | P402012 | OPP1213852 | Langer /Robert S | 04/02/19 | 08/31/23 | 1,627,168 | 4,976,847 | 909,197 |
| | | 6942009 | C | P091020 | INV-001341 | Olken /Benjamin | 11/01/19 | 12/31/24 | 7,572 | 1,668,915 | 1,356,725 |
| | | 6942082 | C | P402000 | INV-002740 | Love /John C | 11/21/19 | 11/30/22 | (1,287) | 0 | 0 |
| | | 6942158 | C | P095500 | INV-002539 | Tsai /Lily L | 11/26/19 | 12/31/22 | 696,504 | 1,542,896 | 581,479 |
| | | 6942166 | C | P091021 | INV-003700 | Finkelstein /Amy | 11/26/19 | 05/31/21 | 2,115 | 445,466 | (0) |
| | | 6942197 | C | P402000 | INV-002740 | Love /John C | 11/21/19 | 11/30/22 | 578,233 | 2,844,818 | 1,180,390 |
| | | 6942198 | C | P402000 | INV-002740 | Love /John C | 11/21/19 | 11/30/22 | 631,320 | 1,951,153 | 332,007 |
| | | 6942277 | C | P402000 | OPP1179091 | Langer /Robert S | 10/01/17 | 06/30/22 | 30,019 | 1,250,000 | 105,889 |
| | | 6942279 | C | P402000 | OPP1087261 | Langer /Robert S | 08/27/19 | 10/31/21 | 40,903 | 536,979 | 0 |
| | | 6942280 | C | P091020 | INV-003648 | Dhaliwal /Iqbal | 11/26/19 | 05/30/24 | 386,432 | 799,588 | (97,189) |
| | | 6942522 | C | P091020 | INV-003648 | Dhaliwal /Iqbal | 11/26/19 | 05/30/24 | 1,057,059 | 1,050,265 | (59,119) |
| | | 6942523 | C | P091020 | INV-003648 | Dhaliwal /Iqbal | 11/26/19 | 05/30/24 | 200,931 | 852,384 | 637,619 |
| | | 6942606 | C | P402000 | OPP1155120 | Langer /Robert S | 01/01/20 | 06/30/23 | 40,977 | 908,698 | 7,544 |
| | | 6942976 | C | P091020 | INV-001341 | Olken /Benjamin | 11/01/19 | 02/28/23 | 0 | 0 | 0 |
| | | 6942977 | C | P091020 | INV-001341 | Olken /Benjamin | 11/01/19 | 02/28/23 | 0 | 0 | 0 |
| | | 6943387 | C | P402012 | INV-005804 | Langer /Robert S | 03/20/20 | 12/31/22 | 416,854 | 1,884,778 | 163,136 |
| | | 6944050 | C | P402000 | INV-004954 | Irvine /Darrell J | 09/14/20 | 06/30/21 | 2,200 | 48,897 | 0 |
| | | 6944114 | C | P402000 | INV-004954 | Irvine /Darrell J | 09/14/20 | 06/30/21 | 33,028 | 38,339 | 0 |
| | | 6944115 | C | P402000 | INV-004954 | Irvine /Darrell J | 09/14/20 | 06/30/21 | 2,145 | 12,650 | 0 |
| | | 6944440 | C | P402000 | OPP1179091/INV-008619 | Langer /Robert S | 08/22/20 | 06/30/22 | 843,799 | 1,250,000 | 68,176 |
| | | 6944544 | C | P402012 | OPP1155345/INV-008674 | Langer /Robert S | 09/30/20 | 08/31/22 | 822,915 | 1,260,116 | 205,323 |
| | | 6944545 | C | P402012 | INV-024525 | Langer /Robert S | 10/23/20 | 11/30/22 | 1,431,763 | 2,250,000 | 569,920 |
| | | 6944646 | C | P402000 | INV-002740 | Love /John C | 04/01/20 | 11/30/22 | 236,345 | 682,304 | 208,336 |
| | | 6944977 | C | P091020 | INV-001341 | Olken /Benjamin | 01/01/21 | 12/31/22 | 8,631 | 41,677 | 33,046 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945709 | C | P165000 | INV-026505 | Niles /Jacquin | 07/20/21 | 03/31/24 | 502,744 | 2,439,641 | 1,936,897 |
| | | 6945744 | C | P091021 | OPP1201537 | Autor /David H | 11/26/18 | 12/31/22 | 131,811 | 134,686 | 2,875 |
| | | 6945745 | C | P091021 | OPP1201537 | Finkelstein /Amy | 11/26/18 | 12/31/22 | 96,577 | 121,000 | 24,423 |
| | | 6946008 | C | P091020 | INV-032106 | Banerjee /Abhijit | 08/18/21 | 12/31/23 | 49,068 | 115,000 | 65,932 |
| | | 6946071 | C | P091020 | INV-032106 | Banerjee /Abhijit | 08/18/21 | 12/31/23 | 65,371 | 385,000 | 319,629 |
| | | 6946213 | C | P039000 | INV-030328 | Narula /Neha | 09/02/21 | 12/31/22 | 201,265 | 625,000 | 423,735 |
| | | 6946386 | C | P091020 | INV-001341 | Olken /Benjamin | 07/01/21 | 02/28/24 | 0 | 176,670 | 176,670 |
| | | 6946623 | C | P402012 | INV-007842/OPP1150646 | Langer /Robert S | 10/08/21 | 11/01/23 | 136,030 | 1,112,489 | 976,459 |
| | | 6946624 | C | P402000 | INV-35528 | Langer /Robert S | 11/18/21 | 05/03/24 | 190,618 | 3,990,313 | 3,799,695 |
| | | 6946625 | C | P402000 | INV-036977 | Langer /Robert S | 11/18/21 | 08/31/23 | 131,725 | 1,053,112 | 921,387 |
| | | 6946626 | C | P402012 | INV-008619/OPP1179091 | Langer /Robert S | 09/22/21 | 09/30/22 | 499,159 | 858,935 | 359,776 |
| | | 6946628 | C | P091020 | INV-029025 | Suri /Tavneet | 11/24/21 | 10/31/22 | 52,023 | 1,233,058 | 1,181,035 |
| | | 6946671 | C | P165000 | INV-026506 | Niles /Jacquin | 11/23/21 | 04/30/23 | 73,494 | 367,949 | 294,455 |
| | | 6946986 | C | P091020 | INV-029025 | Suri /Tavneet | 11/24/21 | 10/31/22 | 0 | 0 | 0 |
| | 006120 Harvard University | 6945725 | C | P165000 | 270790-5109686 | Ribbeck /Katharina | 01/01/21 | 12/31/21 | 386,670 | 386,670 | (0) |
| | | 6946701 | C | P165000 | 289562-512857 | Ribbeck /Katharina | 10/15/21 | 09/30/22 | 0 | 0 | 0 |
| | | 6946702 | C | P165000 | 289562-512857 | Ribbeck /Katharina | 10/15/21 | 09/30/22 | 81,284 | 85,748 | 4,464 |
| | 006379 Institute for Fina | 6935343 | C | P091020 | OPP1155565 | Dhaliwal /Iqbal | 11/01/16 | 12/31/21 | 8,735 | 460,000 | 80,877 |
| | 006570 Massachusetts General Hospital | 6941335 | C | P061901 | MGH 226618/OPP1126222 | Bhatia /Sangeeta N | 06/01/19 | 05/31/21 | (292) | 110,000 | 61 |
| | | 6942899 | C | P402000 | 226618-OPP1126222 | Irvine /Darrell J | 10/01/19 | 09/30/20 | 0 | 55,452 | 0 |
| | | 6944499 | C | P061901 | 235772 | Shalek /Alexander K | 06/01/20 | 05/31/21 | 0 | 68,261 | 1,000 |
| | | 6944506 | C | P061901 | 233675 | Shalek /Alexander K | 01/01/20 | 05/31/20 | 0 | 28,392 | 0 |
| | | 6944508 | C | P061901 | 233675 | Shalek /Alexander K | 01/01/20 | 05/31/20 | (39) | 26,069 | 0 |
| | | 6944517 | C | P061901 | 234232 | Shalek /Alexander K | 06/01/20 | 08/31/20 | 0 | 1,182 | 1,182 |
| | | 6944519 | C | P061901 | 235772 | Shalek /Alexander K | 06/01/20 | 08/31/20 | 0 | 709 | 709 |
| | | 6944520 | C | P061901 | 233675 | Shalek /Alexander K | 06/01/20 | 08/31/20 | 0 | 947 | 947 |
| | | 6944852 | C | P402000 | 226618-OPP1126222 | Irvine /Darrell J | 10/01/20 | 09/30/22 | 83,810 | 164,548 | 22,619 |
| | | 6944853 | C | P402000 | 226618-OPP1126222 | Hammond /Paula T | 10/01/20 | 09/30/22 | 27,106 | 110,000 | 82,894 |
| | | 6944948 | C | P061901 | 234232 | Shalek /Alexander K | 06/01/19 | 08/31/19 | 0 | 985 | 0 |
| | | 6944952 | C | P061901 | 228523 | Shalek /Alexander K | 06/01/19 | 08/31/19 | 0 | 8,864 | 0 |
| | | 6945035 | C | P061902 | 233675 | Shalek /Alexander K | 12/01/20 | 05/31/21 | 0 | 20,480 | 561 |
| | | 6945199 | C | P402000 | AGMT#235501/OPP1211233 | Irvine /Darrell J | 11/01/19 | 07/31/23 | 192,703 | 292,600 | 75,050 |
| | | 6946309 | C | P061901 | 238621 | Shalek /Alexander K | 09/16/20 | 08/31/21 | 0 | 349 | 349 |
| | | 6946310 | C | P061901 | 238621 | Shalek /Alexander K | 09/16/20 | 05/31/21 | 25,771 | 34,349 | 8,578 |
| | | 6946840 | C | P165000 | AWARD # 239845 | Ribbeck /Katharina | 10/25/21 | 08/31/22 | 67,784 | 73,186 | 5,402 |
| | | 6947038 | C | P061902 | 235501 | Greenberg /Julie E | 06/01/21 | 08/31/21 | 3,306 | 3,306 | 0 |
| | | 6947039 | C | P061902 | 235501 | Greenberg /Julie E | 09/01/21 | 01/15/22 | 4,683 | 4,683 | 0 |
| | | 6947040 | C | P061902 | 239353 | Greenberg /Julie E | 09/01/21 | 08/31/22 | 37,627 | 41,836 | 4,209 |
| | 007534 University of California-San Diego | 6943501 | C | P069201 | 125289240 | Niles /Jacquin | 11/01/19 | 10/31/22 | 0 | 190,575 | 0 |
| | | 6944696 | C | P069201 | 125289240 | Niles /Jacquin | 11/01/20 | 10/31/21 | 32,954 | 190,572 | (0) |
| | | 6946917 | C | P069201 | 125289240 | Niles /Jacquin | 11/01/21 | 10/31/22 | 104,962 | 190,575 | 85,613 |
| | 007709 Virginia Commonwealth University | 6944170 | C | P152000 | FP00006010_SA007 | Jamison /Timothy F | 07/01/20 | 06/30/22 | (154) | 0 | 0 |
| | | 6945935 | C | P152000 | FP00006010_SA007 | Jamison /Timothy F | 11/23/20 | 06/30/22 | 164,739 | 164,739 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 6945936 | C | P152000 | FP00006010_SA007 | Jamison /Timothy F | 02/01/21 | 06/30/22 | 49,700 | 49,700 | (0) |
| | 010295 University of Ca | 6941985 | C | P091020 | SUBK UNDER GATES OPP1199912 | Suri /Tavneet | 01/01/19 | 10/31/23 | 106,303 | 784,401 | 201,696 |
| | 102237 Wyss Institute | 6946991 | C | P061902 | DOUGAN.289529.435757.0001 | Greenberg /Julie E | 06/01/21 | 08/31/21 | 10,986 | 10,986 | 0 |
| | 107085 Institute of Deve | 6944463 | C | P095500 | 19.274 GV.18011 | Tsai /Lily L | 05/01/20 | 10/31/21 | 8,793 | 8,793 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **15,446,066** | **86,985,033** | **16,774,630** |
| 006015 Gordon & Betty Moore Foundation | 006015 Gordon & Betty Moore Foundation | 6931204 | C | P158000 | LTR AGREEMENT #4541 | Jarillo-Herrero /Pablo | 11/03/14 | 06/30/21 | (1,481) | 1,792,902 | 0 |
| | | 6935771 | C | P159600 | GMBF5215 | Hewitt /Jacqueline N | 02/23/17 | 02/28/23 | 269,921 | 1,659,726 | 323,218 |
| | | 6935780 | C | P159600 | GMBF5215 | Hewitt /Jacqueline N | 02/23/17 | 02/28/23 | 23,175 | 867,064 | (32,181) |
| | | 6935781 | C | P159600 | GMBF5215 | Hewitt /Jacqueline N | 02/23/17 | 02/28/23 | 1,272 | 1,109 | (5,747) |
| | | 6939407 | C | P159600 | GMBF5215 | Hewitt /Jacqueline N | 09/01/18 | 02/28/23 | 35,710 | 581,325 | (19,097) |
| | | 6939633 | C | P158000 | #7729 | Fakhri /Nikta | 01/01/18 | 01/31/23 | 59,604 | 1,059,774 | 98,593 |
| | | 6940029 | C | P093800 | GRANT #7777 | Klopfer /Eric | 09/01/18 | 03/31/22 | 134,833 | 840,400 | (0) |
| | | 6941311 | C | P158000 | GRANT #8684 | Todadri /Senthil | 07/16/19 | 12/31/24 | 5,017 | 388,632 | 380,241 |
| | | 6942263 | C | P158000 | 9070 | Checkelsky /Joseph | 12/02/19 | 09/01/24 | 513,459 | 1,341,845 | 549,620 |
| | | 6943351 | C | P158000 | GRANT AGREEMENT #9463 | Jarillo-Herrero /Pablo | 05/15/20 | 05/31/25 | 388,313 | 875,360 | 192,721 |
| | | 6943353 | C | P158000 | GRANT AGREEMENT #9459 | Gedik /Nuh | 05/15/20 | 05/31/25 | 225,494 | 900,000 | 186,034 |
| | | 6944236 | C | P159600 | GMBF5215 | Hewitt /Jacqueline N | 09/01/20 | 02/28/23 | 4,157 | 20,000 | 14,914 |
| | | 6945828 | C | P267400 | GRANT # 10614 | Shulaker /Max M. | 08/01/21 | 07/31/22 | 5,674 | 325,000 | 319,326 |
| | | 6946020 | C | P158000 | 9070 | Checkelsky /Joseph | 08/01/21 | 08/01/22 | 68,905 | 78,155 | 9,249 |
| | | 6946047 | C | P062000 | GRANT #: 10651 | Prather /Kristala L | 09/24/21 | 10/01/23 | 19,912 | 375,000 | 355,088 |
| | | 6946413 | C | P062000 | GRANT #: 10651 | Olsen /Bradley D. | 09/24/21 | 10/01/23 | 22,438 | 375,000 | 352,562 |
| | | 6947153 | C | P158000 | GRANT AGREEMENT #9463 | Jarillo-Herrero /Pablo | 05/15/20 | 05/31/25 | 0 | 70,000 | 70,000 |
| | | 6947154 | C | P158000 | GRANT AGREEMENT #9459 | Gedik /Nuh | 05/15/20 | 05/31/25 | 0 | 700,000 | 700,000 |
| | 006120 Harvard Univers | 6942496 | C | P267111 | 270643-5111976 | Englund /Dirk R. | 12/14/18 | 12/01/21 | 0 | 40,553 | 0 |
| | 006591 McGill Universit | 6943823 | C | P158000 | 251458 | Masui /Kiyoshi | 08/01/20 | 09/01/22 | 51,321 | 48,799 | (2,522) |
| | | 6946848 | C | P158000 | 255667 | Masui /Kiyoshi | 11/01/21 | 11/30/22 | 0 | 217,000 | 217,000 |
| | 007380 Stanford University | 6938707 | C | P267111 | PO 61630109 / SPO 132074 | Berggren /Karl K | 05/18/17 | 09/30/22 | 79,573 | 1,474,725 | (3,651) |
| | | 6941256 | C | P267111 | PO 61630109 / SPO 132074 | Berggren /Karl K | 05/18/17 | 09/30/22 | 37,580 | 125,275 | 8,797 |
| | **Total by Primary Sponsor** | | | | | | | | **1,944,880** | **14,157,644** | **3,714,164** |
| 006019 Quanta Computer, Inc. | 006019 Quanta Computer, Inc. | 6897576 | C | P067950 | AGMT. DTD. 4/1/05 | Rus /Daniela L | 04/01/05 | 05/31/24 | 67,015 | 3,579,442 | 3,510,332 |
| | | 6897998 | C | P067952 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 04/01/05 | 08/31/18 | 0 | 0 | 0 |
| | | 6897999 | C | P067950 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 04/01/05 | 08/31/22 | 0 | 5,023,625 | 150,211 |
| | | 6898261 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 81,234 | 0 |
| | | 6898297 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 99,554 | (0) |
| | | 6898337 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 37,022 | 0 |
| | | 6898338 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 44,320 | 0 |
| | | 6898403 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 01/15/06 | 0 | 22,031 | 0 |
| | | 6898404 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 30,282 | 0 |
| | | 6898405 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 62,609 | 0 |
| | | 6898406 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 06/01/05 | 08/31/05 | 0 | 41,630 | 0 |
| | | 6898880 | C | P067952 | AGMT. DTD. 4/1/05 | Devadas /Srinivas | 09/01/05 | 08/31/17 | 0 | 2,788,654 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6898881 | C | P067952 | AGMT. DTD. 4/1/05 | Glass /James R | 04/01/05 | 08/31/20 | 0 | 8,889,583 | 0 |
| | | 6898882 | C | P067952 | AGMT. DTD. 4/1/05 | Kaashoek /M. Frans | 04/01/05 | 08/31/09 | 0 | 2,297,219 | 0 |
| | | 6898883 | C | P067952 | AGMT. DTD. 4/1/05 | Ward /Stephen A | 04/01/05 | 08/31/09 | 0 | 1,779,680 | 0 |
| | | 6914338 | C | P067952 | AGMT. DTD. 4/1/05 | Miller /Robert C | 09/01/06 | 08/31/13 | 0 | 1,384,320 | 0 |
| | | 6914404 | C | P067952 | AGMT. DTD. 4/1/05 | Barzilay /Regina | 09/01/06 | 08/31/09 | 0 | 436,389 | 0 |
| | | 6916522 | C | P067952 | AGMT. DTD. 4/1/05 | Glass /James R | 09/01/07 | 08/31/09 | 0 | 964,361 | (0) |
| | | 6916766 | C | P067952 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 09/01/07 | 12/31/08 | 0 | 98,950 | (0) |
| | | 6916892 | C | P067952 | AGMT. DTD. 4/1/05 | Agarwal /Anant | 09/01/07 | 08/31/09 | 0 | 405,882 | (0) |
| | | 6918829 | C | P067952 | AGMT. DTD. 4/1/05 | Durand /Frederic | 09/01/08 | 08/31/19 | 0 | 1,726,318 | (0) |
| | | 6918849 | C | P067952 | AGMT. DTD. 4/1/05 | Freeman /William T | 09/01/08 | 08/31/17 | 0 | 875,192 | (0) |
| | | 6920423 | C | P067952 | AGMT. DTD. 4/1/05 | Katabi /Dina | 09/01/09 | 08/31/10 | 0 | 151,620 | 0 |
| | | 6920698 | C | P067952 | AGMT. DTD. 04/01/05 | Agarwal /Anant | 06/01/09 | 09/30/13 | 0 | 3,555,636 | 14 |
| | | 6920699 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 09/01/09 | 08/31/13 | 0 | 90,090 | 0 |
| | | 6920700 | C | P067952 | AGMT. DTD. 04/01/05 | Kaashoek /M. Frans | 09/01/09 | 08/31/17 | 0 | 1,939,838 | 0 |
| | | 6920701 | C | P067952 | AGMT. DTD. 04/01/05 | Ward /Stephen A | 09/01/09 | 08/31/13 | 0 | 1,013,711 | 0 |
| | | 6920782 | C | P067952 | AGMT. DTD. 4/1/05 | Guttag /John V | 09/01/09 | 08/31/17 | 0 | 1,716,329 | (0) |
| | | 6920783 | C | P067952 | AGMT. DTD. 04/01/05 | Madden /Samuel R | 09/01/09 | 08/31/17 | 0 | 959,461 | 0 |
| | | 6922986 | C | P067952 | AGMT. DTD. 4/1/05 | Mithal /Arvind | 09/01/10 | 08/31/16 | 0 | 1,136,132 | 0 |
| | | 6923892 | C | P067952 | AGMT. DTD. 4/1/05 | Teller /Seth | 05/01/11 | 04/09/14 | 0 | 535,580 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6923918 | C | P067952 | AGMT. DTD. 4/1/05 | Guttag /John V | 04/01/11 | 08/31/13 | 0 | 4,344 | 0 |
| | | 6924479 | C | P067952 | AGMT. DTD. 4/1/05 | Leonard /John J | 08/08/11 | 08/31/13 | 0 | 8,369 | 0 |
| | | 6924622 | C | P067952 | AGMT. DTD. 4/1/05 | Matusik /Wojciech | 09/01/08 | 08/31/17 | 0 | 947,718 | (0) |
| | | 6924671 | C | P067950 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 04/01/05 | 08/31/19 | 0 | 1,297,251 | 0 |
| | | 6925625 | C | P067952 | AGMT. DTD. 4/1/05 | Matusik /Wojciech | 12/01/11 | 08/31/17 | 0 | 262,616 | 0 |
| | | 6925826 | C | P067952 | AGMT. DTD. 4/1/05 | Terman /Christopher J | 04/01/05 | 05/31/19 | 0 | 458,434 | 0 |
| | | 6926732 | C | P067950 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 04/01/05 | 08/31/17 | 0 | 22,349 | (0) |
| | | 6926823 | C | P060600 | AGMT. DTD. 4/1/05 | Chandrakasan /Anantha P | 09/01/12 | 08/31/17 | 0 | 403,688 | 0 |
| | | 6927402 | C | P067952 | AGMT. DTD. 4/1/05 | Durand /Frederic | 04/01/05 | 08/31/17 | 0 | 581,840 | 0 |
| | | 6928561 | C | P067952 | AGMT. DTD. 4/1/05 | Durand /Frederic | 09/01/13 | 08/31/17 | 0 | 0 | 0 |
| | | 6928562 | C | P067952 | AGMT. DTD. 4/1/05 | Miller /Robert C | 09/01/13 | 08/31/17 | 0 | 634,505 | 0 |
| | | 6928563 | C | P067952 | AGMT. DTD. 4/1/05 | Zue /Victor Waito | 09/01/13 | 08/31/19 | 0 | 792,235 | 0 |
| | | 6928564 | C | P067952 | AGMT. DTD. 4/1/05 | Ward /Stephen A | 09/01/13 | 08/31/19 | 0 | 190,490 | (0) |
| | | 6928565 | C | P067952 | AGMT. DTD. 4/1/05 | O'Reilly /Una-May | 09/01/13 | 08/31/15 | 0 | 79,971 | 0 |
| | | 6928768 | C | P154000 | AGMT. DTD. 4/1/05 | Etingof /Pavel I | 09/01/13 | 08/31/17 | 0 | 79,230 | 0 |
| | | 6931158 | C | P067952 | AGMT. DTD. 4/1/05 | Szolovits /Peter | 09/01/14 | 08/31/17 | 0 | 99,762 | (0) |
| | | 6932932 | C | P067952 | AGMT. DTD. 4/1/05 | Seneff /Stephanie | 09/01/15 | 08/31/22 | 165,559 | 1,341,544 | 45,862 |
| | | 6941562 | C | P067952 | AGMT. DTD. 4/1/05 | Barzilay /Regina | 06/01/19 | 08/31/22 | 75,622 | 1,350,000 | 443,886 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941563 | C | P067952 | AGMT. DTD. 4/1/05 | Stultz /Collin M | 06/01/19 | 08/31/22 | 382,912 | 1,350,000 | 224,168 |
| | | 6941564 | C | P067952 | AGMT. DTD. 4/1/05 | Rus /Daniela L | 06/01/19 | 08/31/22 | 20,768 | 375,000 | (6,520) |
| | | 6941598 | C | P067950 | AGMT. DTD. 4/1/05 | Rus /Daniela L | 06/01/19 | 08/31/22 | 0 | 325,000 | 250,246 |
| | | 6941600 | C | P067952 | AGMT. DTD. 4/1/05 | Guttag /John V | 06/01/19 | 08/31/22 | 568,212 | 1,350,000 | 162,027 |
| | | 6946224 | C | P067952 | AGMT. DTD. 4/1/05 | Ghassemi /Marzyeh | 09/01/21 | 08/31/22 | 209,850 | 370,000 | 160,150 |
| | | 6947259 | C | P067952 | AGMT. DTD. 4/1/05 | Ghassemi /Marzyeh | 09/01/21 | 08/31/23 | 0 | 80,000 | 80,000 |
| | **Total by Primary Sponsor** | | | | | | | | **1,489,938** | **54,171,039** | **5,020,375** |
| 006037 LG Chem, Ltd. | 006037 LG Chem, Ltd. | 6942818 | C | P066000 | RESEARCH AGREEMENT EFFECTIVE 5-1-2020 | Yildiz /Bilge | 05/01/20 | 12/31/21 | 61,644 | 150,000 | (499) |
| | **Total by Primary Sponsor** | | | | | | | | **61,644** | **150,000** | **(499)** |
| 006039 Novartis Pharma AG | 006039 Novartis Pharm AG | 6946000 | C | P159400 | AGRMT EFFECTIVE 05/01/21/PO#: C028-3004933531 | Schlosser /Courtney Adam | 05/01/21 | 04/30/23 | 80,083 | 225,000 | 144,917 |
| | **Total by Primary Sponsor** | | | | | | | | **80,083** | **225,000** | **144,917** |
| 006059 Kaiser Permanente | 006059 Kaiser Permanente | 6941136 | C | P122080 | 1 | Kochan /Thomas Anton | 01/01/19 | 06/30/21 | (14,451) | 465,944 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(14,451)** | **465,944** | **(0)** |
| 006060 William T Grant Foundation | 006060 William T Grant Foundation | 6943350 | C | P091000 | 190295 | Pathak /Parag | 07/01/20 | 06/30/23 | 233,122 | 188,852 | (136,281) |
| | **Total by Primary Sponsor** | | | | | | | | **233,122** | **188,852** | **(136,281)** |
| 006082 Entertainment Industry Foundatio | 007555 University of Texas-MD Anderson Cancer Center | 6938332 | C | P402000 | 00006300 (SU2C-AACR-DT25-17) | Jacks /Tyler E | 02/01/18 | 01/31/19 | 0 | 220,000 | 0 |
| | | 6940365 | C | P402000 | 00006300 (SU2C-AACR-DT25-17) | Jacks /Tyler E | 02/01/19 | 01/31/20 | (1,492) | 220,000 | (0) |
| | | 6942699 | C | P402000 | 00006300 (SU2C-AACR-DT25-17) | Jacks /Tyler E | 02/01/20 | 01/31/21 | 0 | 107,067 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945033 | C | P402000 | PO#3001713361/SU2C-AACR-DT25-1 | Jacks /Tyler E | 02/01/21 | 07/31/22 | 242,605 | 332,933 | 10,289 |
| | **Total by Primary Sponsor** | | | | | | | | **241,113** | **880,000** | **10,289** |
| 006112 Harvard Medical School | 005460 Children's Hospital Boston | 6944612 | C | P061901 | PO# GENFD0001916530 | Gehrke /Lee | 05/01/20 | 10/31/21 | 21,068 | 27,504 | 0 |
| | 006112 Harvard Medica School | 6946464 | C | P151000 | MICHAEL_SHADPOUR_362535_FY22 | Boyden /Edward | 09/01/21 | 05/31/22 | 58,785 | 59,147 | 362 |
| | | 6946523 | C | P064000 | 520.45321.025643.730001.0000.67983 | Kolodziejski /Leslie A | 09/01/21 | 01/15/22 | 29,650 | 29,650 | 0 |
| | | 6946737 | C | P400600 | PAUL_REGINATO_024003_FY22 | Boyden /Edward | 10/01/21 | 12/31/21 | 4,907 | 4,907 | 0 |
| | | 6947022 | C | P064000 | 520.45321.025643.730001.0000.67983 | Kolodziejski /Leslie A | 01/16/22 | 05/31/22 | 29,290 | 29,290 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **143,700** | **150,498** | **362** |
| 006115 Harvard-MIT Health Sciences & Technology | 006115 Harvard-MIT Health Sciences & Technology | 6946527 | C | P402000 | 283418.5121699.0045 | Chen /Jianzhu | 07/01/21 | 06/30/22 | 21,135 | 22,000 | 865 |
| | **Total by Primary Sponsor** | | | | | | | | **21,135** | **22,000** | **865** |
| 006120 Harvard University | 006120 Harvard University | 6944099 | C | P061901 | 70003275338/AGREEMENT DATED 9/17/20 | Collins /James J. | 08/01/20 | 06/30/21 | (1,844) | 103,425 | 0 |
| | | 6944531 | C | P035000 | AGREEMENT EFF JUNE 15, 2020 | Sevtsuk /Andres | 06/15/20 | 12/31/21 | 74,091 | 99,938 | (0) |
| | | 6944599 | C | P064000 | HQI SEED FUNDING (INTERNAL TO HARVARD) | Kolodziejski /Leslie A | 01/16/21 | 05/31/21 | (0) | 30,080 | 0 |
| | | 6944868 | C | P061094 | INTERNAL GIFT FUNDS | Barrett /Steven R. H. | 09/01/20 | 08/31/21 | 3,547 | 23,573 | 0 |
| | | 6945223 | C | P069201 | PAUL_REGINATO_024003_FY21 | Boyden /Edward | 07/01/20 | 02/28/21 | 3,570 | 23,123 | 0 |
| | | 6945768 | C | P159300 | 283418.5119184.0027 | Choi /Bohyun Gloria | 07/01/20 | 08/31/22 | 67,798 | 60,000 | (7,798) |
| | | 6945793 | C | P061902 | 026427-74699 | Greenberg /Julie E | 07/16/21 | 05/31/22 | 62,550 | 62,880 | 330 |
| | | 6945955 | C | P064000 | BILLING AGMT DATED 1/23/2022 | Kolodziejski /Leslie A | 09/01/21 | 05/31/22 | 7,436 | 7,436 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946051 | C | P159300 | 283418.5121695.0048 | Heiman /Myriam | 07/01/21 | 06/30/23 | 56,785 | 50,000 | (6,785) |
| | | 6946465 | C | P061901 | 365237-30550 | Greenberg /Julie E | 06/01/21 | 08/31/21 | 3,750 | 3,750 | 0 |
| | | 6946468 | C | P061902 | 365237-30550 | Greenberg /Julie E | 09/01/21 | 01/15/22 | 4,546 | 4,546 | (0) |
| | | 6946787 | C | P061902 | AMI THAKRAR | Greenberg /Julie E | 06/01/21 | 05/31/22 | 43,625 | 43,752 | 127 |
| | | 6947077 | C | P061902 | PO#80000207619; 000570 | Greenberg /Julie E | 06/01/21 | 04/14/22 | 36,752 | 37,160 | 408 |
| | | 6947155 | C | P061902 | 000570 | Greenberg /Julie E | 06/01/21 | 04/14/22 | 36,752 | 36,922 | 170 |
| | | 6947185 | C | P066000 | 000570 | Ross /Frances Mary | 03/01/22 | 06/30/22 | 18,669 | 22,056 | 3,387 |
| | | 6947355 | C | P061902 | PO#80000223370/AGMT REF. #00005 | Greenberg /Julie E | 04/15/22 | 05/31/22 | 6,873 | 6,784 | (89) |
| | | 6947356 | C | P061902 | PO80000226129/000570 | Greenberg /Julie E | 04/15/22 | 05/31/22 | 6,873 | 6,784 | (89) |
| | | 6947846 | C | P061902 | | Greenberg /Julie E | 06/01/22 | 05/31/23 | 0 | 19,608 | 19,608 |
| | | 6947854 | C | P061902 | 015050 - DISCRETIONARY | Greenberg /Julie E | 06/01/22 | 05/31/23 | 0 | 74,828 | 74,828 |
| | **Total by Primary Sponsor** | | | | | | | | **431,772** | **716,645** | **84,098** |
| 006129 Henry Ford Health System | 006129 Henry Ford Health System | 6940885 | C | P067952 | AGREEMENT DATES 5/7/19 | Barzilay /Regina | 10/01/19 | 12/31/21 | (83) | 189,773 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(83)** | **189,773** | **(0)** |
| 006140 The William And Flora Hewlett Foundatio | 006140 The William And Flora Hewlett Foundatio | 6930453 | C | P091020 | 2014-9907 | Olken /Benjamin | 07/14/14 | 06/14/20 | (32,578) | 1,716,227 | 0 |
| | | 6935038 | C | P400600 | 2016-4429 | Gabrieli /John D. E. | 07/11/16 | 08/01/22 | (1,069) | 1,000,000 | 78,092 |
| | | 6935277 | C | P095500 | GRANT #2016-4961 | Stewart /Charles H | 11/14/16 | 08/31/21 | 7,079 | 1,418,942 | 0 |
| | | 6937747 | C | P091020 | 2017-5774 | Sautmann /Anja | 07/01/17 | 06/30/20 | (4,650) | 222,859 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940852 | C | P091020 | #2018-7992 | Banerjee /Abhijit | 01/01/19 | 01/31/23 | 113,521 | 500,000 | 148,961 |
| | | 6943495 | C | P095500 | GRANT #2020-1715 | Stewart /Charles H | 04/30/20 | 08/31/21 | 80,590 | 201,120 | 0 |
| | | 6943901 | C | P091020 | 2020-1316 | Dhaliwal /Iqbal | 08/01/20 | 08/01/22 | 123,529 | 310,000 | (8,438) |
| | | 6944816 | C | P091020 | 2020-1844 | Dhaliwal /Iqbal | 10/01/20 | 10/01/23 | 148,037 | 250,000 | 62,674 |
| | | 6946632 | C | P095500 | 2021-00439 | Stewart /Charles H | 09/01/21 | 08/31/22 | 81,292 | 133,334 | 52,042 |
| | | 6947163 | C | P091000 | 2021-3165 | Autor /David H | 04/01/22 | 04/01/23 | 49,286 | 150,000 | 100,714 |
| | | 6947672 | C | P091020 | 2020-1316 | Dhaliwal /Iqbal | 06/01/22 | 08/01/22 | 0 | 20,000 | 20,000 |
| | | 6947673 | C | P091020 | 2020-1316 | Dhaliwal /Iqbal | 06/01/22 | 08/01/22 | 0 | 10,000 | 10,000 |
| | **Total by Primary Sponsor** | | | | | | | | **565,037** | **5,932,483** | **464,047** |
| 006144 Medicines for Malaria Venture | 006144 Medicines for Malaria Venture | 6944671 | C | P165000 | PO20/00892 | Niles /Jacquin | 12/16/20 | 12/31/22 | 22,764 | 49,108 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **22,764** | **49,108** | **0** |
| 006146 The Paul G Allen Family Foundation | 006146 The Paul G Alle Family Foundation | 6934284 | C | P061901 | 12196 | Collins /James J. | 06/01/16 | 06/30/21 | 78 | 1,545,180 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **78** | **1,545,180** | **(0)** |
| 006151 Johns Hopkins University | 006151 Johns Hopkins University | 6935142 | C | P069201 | PO# 2003117761 | Fraenkel /Ernest | 07/01/16 | 12/31/22 | 32,299 | 336,883 | 124,725 |
| | | 6940957 | C | P069201 | PO # 2004276814 | Fraenkel /Ernest | 04/01/18 | 09/30/18 | (619) | 24,502 | 25,121 |
| | | 6941343 | C | P069201 | PO# 2004381646 | Fraenkel /Ernest | 10/01/18 | 12/31/22 | 22,685 | 121,688 | 73,562 |
| | **Total by Primary Sponsor** | | | | | | | | **54,365** | **483,073** | **223,408** |
| 006154 The Hong Kong University of Science & Technology | 006154 The Hong Kong University of Science & Technology | 6927641 | C | P060600 | AGREEMENT DATED APRIL 8, 2013 | Sodini /Charles G | 04/08/13 | 04/07/25 | 98,847 | 561,232 | (3,002) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Technology | | 6931482 | C | P060600 | AGREEMENT DATED APRIL 8, 2013 | Sodini /Charles G | 04/08/13 | 04/07/25 | 0 | 22,786 | 22,786 |
| | | 6931484 | C | P067952 | ITS/143/14FP | Katabi /Dina | 01/15/15 | 04/30/17 | 0 | 379,491 | (0) |
| | | 6931779 | C | P060600 | ITS/195/14FP | Chandrakasan /Anantha P | 01/15/15 | 04/14/17 | 0 | 233,980 | 0 |
| | | 6931780 | C | P267100 | ITS/195/14FP | Kong /Jing | 01/15/15 | 04/14/17 | 0 | 203,994 | 0 |
| | | 6931781 | C | P267600 | ITS/195/14FP | Lu /Timothy K | 01/15/15 | 09/29/17 | 0 | 234,999 | 0 |
| | | 6934408 | C | P067952 | ITS/306/15FP | O'Reilly /Una-May | 07/01/16 | 06/30/18 | 0 | 365,165 | 0 |
| | | 6934409 | C | P067952 | ITS/205/15FP | Katz /Boris | 07/01/16 | 06/30/18 | 0 | 439,860 | 0 |
| | | 6935342 | C | P065005 | ITS/020/16FP | Shao-Horn /Yang | 03/16/17 | 09/30/19 | 0 | 593,909 | (0) |
| | | 6935401 | C | P069850 | ITS/020/16FP | Thompson /Carl Vernette | 03/16/17 | 04/07/19 | 0 | 41,836 | (0) |
| | | 6935520 | C | P060600 | ITS/211/16FP | Chandrakasan /Anantha P | 01/15/17 | 03/31/19 | 0 | 302,868 | (0) |
| | | 6935521 | C | P060600 | ITS/211/16FP | Kong /Jing | 01/15/17 | 03/31/19 | 0 | 187,305 | 0 |
| | | 6935522 | C | P267600 | ITS/211/16FP | Lu /Timothy K | 01/15/17 | 01/14/19 | 0 | 186,517 | 0 |
| | | 6935523 | C | P063007 | ITS/212/16FP | Williams /John R | 12/01/16 | 12/31/19 | 0 | 143,569 | 0 |
| | | 6935524 | C | P063007 | ITS/212/16FP | Williams /John R | 12/01/16 | 12/31/19 | 0 | 150,299 | (0) |
| | | 6935525 | C | P068100 | ITS/212/16FP | Larson /Richard Charles | 12/01/16 | 12/31/19 | 0 | 168,581 | 0 |
| | | 6936197 | C | P065004 | ITS/410/16FP | Fang /Xuanlai | 06/01/17 | 12/31/99 | 0 | 15,367 | 0 |
| | | 6936203 | C | P065004 | ITS/410/16FP | Fang /Xuanlai | 06/01/17 | 11/30/19 | 0 | 144,013 | 0 |
| | | 6936210 | C | P031000 | ITS/410/16FP | Glicksman /Leon R | 06/01/17 | 11/30/19 | 0 | 175,510 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936213 | C | P267110 | ITS/410/16FP | Wornell /Gregory W | 06/01/17 | 11/30/19 | 0 | 92,981 | 0 |
| | | 6936214 | C | P267110 | ITS/410/16FP | Zheng /Lizhong | 06/01/17 | 11/30/19 | 0 | 122,572 | 0 |
| | | 6936306 | C | P067952 | ITS/373/16FP | Katabi /Dina | 02/28/17 | 02/27/19 | 0 | 379,693 | 0 |
| | | 6936353 | C | P267110 | ITS/447/16FP | Chan /Vincent W. S. | 05/01/17 | 10/31/19 | 0 | 493,781 | (0) |
| | | 6938122 | C | P068700 | ITS/066/17FP | Win /Moe Z | 01/01/18 | 06/30/20 | 0 | 558,428 | (0) |
| | | 6938124 | C | P065005 | ITS/018/17FP | Rodriguez Garcia /Alberto | 01/01/18 | 02/29/20 | 0 | 498,230 | 0 |
| | | 6938825 | C | P060600 | AGREEMENT DATED APRIL 8, 2013 | Sodini /Charles G | 04/08/13 | 04/07/25 | 1,237 | 9,428 | 7,650 |
| | | 6939044 | C | P067952 | ITS/227/17FP | Katz /Boris | 07/01/18 | 06/30/20 | 0 | 431,015 | (0) |
| | | 6939217 | C | P067952 | ITS/227/17FP | O'Reilly /Una-May | 07/01/18 | 06/30/20 | (0) | 359,126 | (0) |
| | | 6939721 | C | P067952 | ITS/457/17FP | Shah /Julie A | 07/16/18 | 01/15/21 | 0 | 159,063 | 0 |
| | | 6942285 | C | P060600 | AGREEMENT DATED APRIL 8, 2013 | Glicksman /Leon R | 12/01/19 | 12/31/22 | 17,486 | 97,128 | 5,802 |
| | | 6942740 | C | P267110 | ITS/200/19FP | Voldman /Joel | 01/06/20 | 01/05/23 | 155,585 | 301,475 | (14,598) |
| | | 6942767 | C | P267200 | ITS/200/19FP | Shao-Horn /Yang | 01/06/20 | 01/05/23 | 114,085 | 301,475 | 139,362 |
| | | 6942933 | C | P065005 | ITS-104-19FP | Rodriguez Garcia /Alberto | 01/01/20 | 03/31/22 | 54,250 | 366,874 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **441,491** | **8,722,551** | **158,001** |
| 006160 Howard Hughes Medical Institute | 006160 Howard Hughes Medical Institute | 6934524 | C | P402000 | 55108580 | Vander Heiden /Matthew G. | 11/01/16 | 04/30/22 | 54,517 | 608,965 | 3,688 |
| | | 6934722 | C | P039070 | 55108505 | Boyden /Edward | 11/01/16 | 10/31/21 | 23 | 241,671 | (0) |
| | | 6939678 | C | P154500 | 55108520 | Fiete /Ila R | 08/01/18 | 10/31/22 | 155,034 | 588,882 | 66,475 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946889 | C | P402000 | GT15656 | Sanchez-Rivera /Francisco Javi | 01/01/22 | 12/31/23 | 300,553 | 320,000 | 19,447 |
| | **Total by Primary Sponsor** | | | | | | | | **510,127** | **1,759,518** | **89,610** |
| 006180 Human Frontier Science Program | 006180 Human Frontier Science Program | 6936029 | C | P152000 | RGY0076/2017 | Schlau-Cohen /Gabriela S | 11/01/17 | 10/31/21 | 130,804 | 375,000 | (0) |
| | | 6939683 | C | P061901 | RGP0057/2018 | Mirny /Leonid A | 11/01/18 | 12/31/21 | 0 | 120,000 | 37,984 |
| | | 6941355 | C | P158000 | RGP0040/2019 | Cisse /Ibrahim I | 09/01/19 | 08/31/22 | 100,061 | 360,000 | (10,229) |
| | | 6945272 | C | P065004 | RGP0034/2021 | Kolle /Mathias | 10/01/21 | 09/30/22 | 70,347 | 105,000 | 34,653 |
| | **Total by Primary Sponsor** | | | | | | | | **301,211** | **960,000** | **62,408** |
| 006201 Institute fo Information Industı | 006201 Institute for Information Industry | 6945962 | C | P159900 | AGMT EFF 6/17/21 | Roland /Gunther M | 06/17/21 | 12/17/21 | 95,992 | 95,992 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **95,992** | **95,992** | **(0)** |
| 006251 International Development Research Center | 006251 International Development Research Center | 6943624 | C | P091020 | 109295-001 | Banerjee /Abhijit | 07/01/20 | 12/31/23 | 94,043 | 328,300 | 154,151 |
| | **Total by Primary Sponsor** | | | | | | | | **94,043** | **328,300** | **154,151** |
| 006300 The Robert Wood Johnson Foundation | 006120 Harvard University | 6944223 | C | P121400 | 262503-5117008 | Kelly /Erin L. | 09/01/20 | 12/15/21 | 28,726 | 28,726 | (0) |
| | 007655 University of Wisconsin | 6945857 | C | P035000 | 0000001434 | Glasmeier /Amy K | 06/01/21 | 02/28/23 | 2,039 | 24,688 | 22,649 |
| | | 6945858 | C | P035000 | 0000001434 | Glasmeier /Amy K | 06/01/21 | 02/28/23 | 65,625 | 65,625 | 0 |
| | 101210 Conservation Law Foundation | 6945174 | C | P035000 | AMENDMENT DATED 9/1/2020 TO AGREEMENT DATED 8/15/2017 | Arcaya /Mariana Clair | 09/01/20 | 08/31/23 | 305,479 | 468,142 | 107,155 |
| | | 6947177 | C | P035000 | AMENDMENT DATED 9/1/2020 TO AGREEMENT DATED 8/15/2017 | Arcaya /Mariana Clair | 01/10/22 | 08/31/23 | 8,945 | 22,250 | 13,305 |
| | 106129 New America | 6944791 | C | P039000 | TBD | Roy /Deb K | 12/01/20 | 07/01/21 | (17,920) | 0 | 0 |
| | | 6946803 | C | P039000 | AGREEMENT DATED 12/21/2021 | Kong /David S. | 06/01/21 | 12/31/21 | 15,000 | 15,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **407,894** | **624,431** | **143,110** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 006310 Juvenile Diabetes Research Foundation International | 006310 Juvenile Diabetes Research Foundation Internationa | 6940575 | C | P061901 | 1-PNF-2019-778-S-B | Roche /Ellen | 06/01/19 | 12/31/20 | 0 | 120,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **120,000** | **(0)** |
| 006315 French American Cultural Exchange | 006315 French American Cultural Exchange | 6941918 | C | P153000 | TBD | Frank /William B | 10/01/19 | 08/31/22 | 8,626 | 10,000 | 1,274 |
| | **Total by Primary Sponsor** | | | | | | | | **8,626** | **10,000** | **1,274** |
| 006349 Lockheed Martin Missiles and Fire Control | 006349 Lockheed Martii Missiles and Fire Control | 6941886 | C | P066000 | RPP#LM0012905-19-26-P | Hu /Juejun | 07/01/19 | 01/31/20 | 0 | 31,847 | 0 |
| | | 6946009 | C | P066000 | PO#: 4105035776 | Hu /Juejun | 06/01/21 | 12/20/21 | 152,410 | 150,000 | (2,410) |
| | | 6947139 | C | P066000 | PO#4105327973 | Hu /Juejun | 12/21/21 | 11/10/22 | 40,754 | 40,000 | (754) |
| | **Total by Primary Sponsor** | | | | | | | | **193,163** | **221,847** | **(3,163)** |
| 006354 iFLYTEK, Company | 006354 iFLYTEK, Company | 6938805 | C | P067952 | AGMT. DTD. 07/01/2018 | Tenenbaum /Joshua B | 07/01/18 | 06/30/20 | (0) | 213,404 | (0) |
| | | 6939131 | C | P067950 | AGMT. DTD. 07/01/2018 | Rus /Daniela L | 07/01/18 | 06/30/20 | 12 | 1,018,333 | 0 |
| | | 6940821 | C | P067950 | AGMT. DTD. 07/01/2018 | Rus /Daniela L | 07/01/18 | 06/30/20 | 630 | 19,079 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **642** | **1,250,816** | **0** |
| 006357 Kauffman Foundation | 006357 Kauffman Foundation | 6939642 | C | P122070 | RG-201807-4773 | Schoar /Antoinette | 10/01/18 | 10/15/22 | 186,153 | 356,148 | 33,302 |
| | | 6939686 | C | P121175 | G-201806-4563 | Aral /Sinan Kayhan | 10/01/18 | 09/30/23 | 137,692 | 401,840 | (2,561) |
| | | 6946373 | C | P091020 | RG-202106-10723 | Autor /David H | 09/01/21 | 02/29/24 | 54,931 | 125,000 | 70,069 |
| | 012124 Innovation Growth Lab | 6936106 | C | P067952 | AWARD EFFECTIVE 03/30/2017 | Thompson /Neil | 03/30/17 | 12/31/21 | 45,047 | 50,626 | 752 |
| | **Total by Primary Sponsor** | | | | | | | | **423,823** | **933,614** | **101,562** |
| 006360 Keck Foundation | 007534 University of California-San Diego | 6946483 | C | P152000 | KR 704824 | Nelson /Keith Adam | 07/01/21 | 06/30/22 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946690 | C | P152000 | TBD | Nelson /Keith Adam | 07/01/21 | 06/30/22 | 32,474 | 83,333 | 50,859 |
| | | 6946691 | C | P152000 | KR 704824 | Movassaghi /Mohammad | 07/01/21 | 06/30/22 | 54,772 | 83,333 | 28,561 |
| | **Total by Primary Sponsor** | | | | | | | | **87,246** | **166,667** | **79,420** |
| 006433 Esther A. & Joseph Klingenstein Fund, Incorporated | 006433 Esther A. & Joseph Klingenstein Fund, Incorporated | 6938881 | C | P400600 | TBD | Harnett /Mark Thomas | 07/01/18 | 06/30/21 | (7,008) | 225,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(7,008)** | **225,000** | **0** |
| 006434 Korea Institute of Science & Technology (KIST) | 006434 Korea Institute o Science & Technology (KIST) | 6945952 | C | P065004 | 6434 | Kim /Jeehwan | 01/01/21 | 12/31/22 | 100,668 | 172,193 | 71,525 |
| | **Total by Primary Sponsor** | | | | | | | | **100,668** | **172,193** | **71,525** |
| 006438 Kuwait Foundation for the Advancement of Sciences | 006438 Kuwait Foundation for the Advancement of Scienc | 6926078 | C | P267500 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Leeb /Steven B | 07/01/12 | 12/31/14 | 0 | 200,000 | 0 |
| | | 6926084 | C | P065004 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Kim /Sangbae | 07/01/12 | 12/31/14 | 0 | 200,000 | (0) |
| | | 6926460 | C | P153000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Fehler /Michael C | 09/01/12 | 08/31/14 | 0 | 200,000 | (0) |
| | | 6926792 | C | P063007 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Buyukozturk /Oral | 02/01/13 | 12/31/17 | 0 | 3,782,870 | 0 |
| | | 6927684 | C | P068000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Li /Ju | 06/01/13 | 05/31/15 | 0 | 200,000 | (0) |
| | | 6927685 | C | P065003 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Youcef-Toumi /Kamal | 08/01/13 | 12/31/15 | 0 | 199,989 | (0) |
| | | 6927686 | C | P267500 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Leeb /Steven B | 09/01/13 | 08/31/15 | 0 | 200,000 | 0 |
| | | 6927687 | C | P062000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Strano /Michael S. | 06/01/13 | 05/31/15 | 0 | 199,914 | (0) |
| | | 6929657 | C | P068000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Buongiorno /Jacopo | 05/01/14 | 09/01/16 | 0 | 200,000 | (0) |
| | | 6929658 | C | P062000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Brushett /Fikile R | 06/01/14 | 05/31/16 | 0 | 200,000 | (0) |
| | | 6929659 | C | P151000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Jaenisch /Rudolf | 09/01/14 | 08/31/16 | 0 | 200,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929660 | C | P062000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Bazant /Martin Z | 06/01/14 | 02/01/17 | 0 | 178,204 | (0) |
| | | 6930547 | C | P062000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Bazant /Martin Z | 08/12/14 | 05/31/15 | 0 | 17,261 | 0 |
| | | 6931648 | C | P267110 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Han /Jongyoon | 01/01/15 | 04/30/19 | 0 | 0 | 0 |
| | | 6931742 | C | P267110 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Han /Jongyoon | 01/01/15 | 04/30/20 | 0 | 1,040,926 | (0) |
| | | 6931743 | C | P267110 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Han /Jongyoon | 01/01/15 | 04/30/19 | 0 | 11,595 | (0) |
| | | 6931744 | C | P062000 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Gleason /Karen K | 01/01/15 | 04/30/19 | 0 | 747,549 | (0) |
| | | 6931745 | C | P402410 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Lienhard /John H | 01/01/15 | 04/30/19 | 0 | 1,143,459 | 0 |
| | | 6931746 | C | P267500 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | White /Jacob K | 01/01/15 | 04/30/19 | 0 | 306,461 | (0) |
| | | 6931747 | C | P063007 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Adams /Edward E | 01/01/15 | 04/30/19 | 0 | 732,048 | (0) |
| | | 6931774 | C | P035000 | MOD 7 SIGNATURE PROJECT 3 | Ratti /Carlo | 11/01/15 | 10/31/19 | 0 | 279,932 | 0 |
| | | 6931817 | C | P267600 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Lu /Timothy K | 09/01/15 | 11/01/18 | 0 | 168,120 | 0 |
| | | 6931818 | C | P068700 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Roozbehani /Mardavij | 09/01/15 | 08/31/17 | 0 | 199,990 | (0) |
| | | 6933374 | C | P063007 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | Adams /Edward E | 01/01/16 | 12/31/18 | 0 | 14,767 | 0 |
| | | 6933587 | C | P035000 | MOD 7 SIGNATURE PROJECT 3 | Ratti /Carlo | 11/01/15 | 10/31/19 | 0 | 839,899 | 0 |
| | | 6933588 | C | P069201 | MOD 7 SIGNATURE PROJECT 3 | Alm /Eric J | 11/01/15 | 10/31/19 | 0 | 868,857 | 0 |
| | | 6933589 | C | P069201 | MOD 7 SIGNATURE PROJECT 3 | Runstadler /Jonathan | 11/01/15 | 11/01/18 | 0 | 149,031 | (0) |
| | | 6933590 | C | P063007 | MOD 7 SIGNATURE PROJECT 3 | Polz /Martin F | 11/01/15 | 10/31/19 | 0 | 93,125 | (0) |
| | | 6933591 | C | P063007 | MOD 7 SIGNATURE PROJECT 3 | Eltahir /Elfatih A. B. | 11/01/15 | 10/31/19 | 0 | 99,649 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933592 | C | P067952 | MOD 7 SIGNATURE PROJECT 3 | Rus /Daniela L | 11/01/15 | 10/31/19 | 0 | 123,755 | 0 |
| | | 6933593 | C | P069200 | MOD 7 SIGNATURE PROJECT 3 | Alm /Eric J | 11/01/15 | 10/31/19 | 0 | 376,383 | 0 |
| | | 6935606 | C | P267500 | MODIFIED GRANT AGMT. SIGNED 5/2/12 | White /Jacob K | 01/01/17 | 04/30/19 | 0 | 127,864 | 0 |
| | 103851 Kuwait Universit | 6941303 | C | P063007 | AGMT DATED 5/23/2019 | Eltahir /Elfatih A. B. | 06/01/19 | 12/01/21 | 8,177 | 168,531 | 77,782 |
| | | 6943897 | C | P267110 | PN-18-15EV-07 | Han /Jongyoon | 10/01/19 | 03/31/22 | 196,183 | 267,050 | (133,432) |
| | **Total by Primary Sponsor** | | | | | | | | **204,359** | **13,737,230** | **(55,650)** |
| 006443 L3 Communications Integrated System | 006443 L3 Communications Integrated System | 6938224 | C | P065004 | AGREEMENT DATED 2/1/18 | Hart /Douglas | 09/07/17 | 12/31/19 | 5,404 | 199,918 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **5,404** | **199,918** | **(0)** |
| 006475 Leukemia and Lymphoma Society | 006475 Leukemia and Lymphoma Society | 6942188 | C | P402000 | 6537-18 | Koehler /Angela Nicole | 10/01/19 | 06/14/20 | (191) | 100,221 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(191)** | **100,221** | **0** |
| 006484 General Electric Company | 006484 General Electric Company | 6927104 | C | P267500 | AGMT. DTD. 4/25/11 PO# 400095317 | Stultz /Collin M | 04/01/12 | 12/31/16 | 25 | 274,025 | 0 |
| | | 6937748 | C | P320000 | AGREEMENT EFF. 08/15/2016/ PO 730007322 | Paltsev /Sergey | 12/01/17 | 04/30/19 | 0 | 244,339 | 0 |
| | | 6937903 | C | P320000 | AGREEMENT EFF. 08/15/2016/ PO 730007322 | Paltsev /Sergey | 08/14/17 | 04/30/19 | 0 | 224,693 | 0 |
| | | 6938305 | C | P320109 | AGREEMENT EFF. 08/15/2016/ PO 730007322 | Tan /Choon S | 09/01/18 | 08/31/22 | 9,335 | 211,212 | 110 |
| | | 6938510 | C | P320105 | AGREEMENT EFF. 08/15/2016/ PO 730007322 | Li /Ju | 04/01/18 | 03/31/20 | 0 | 125,000 | (0) |
| | | 6938821 | C | P320109 | AGREEMENT EFF. 08/15/2016/ PO 730007322 | O'Sullivan /Francis Martin | 03/01/18 | 12/31/19 | 0 | 326,009 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **9,360** | **1,405,278** | **110** |
| 006511 Sanofi Pasteur S.A. | 006511 Sanofi Pasteur S.A. | 6943295 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | (450) | 106,842 | (231) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943605 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | 3,705 | 43,158 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,255** | **150,000** | **(231)** |
| 006550 Macarthur Foundation | 006550 Macarthur Foundation | 6940045 | C | P093800 | 18-1708-152239-JOU | Uricchio /William C | 10/01/18 | 09/30/21 | 55,723 | 900,000 | 0 |
| | | 6946685 | C | P093800 | 21-1805-153121-JOU | Uricchio /William C | 10/01/21 | 09/30/22 | 170,468 | 250,000 | 79,532 |
| | **Total by Primary Sponsor** | | | | | | | | **226,191** | **1,150,000** | **79,532** |
| 006570 Massachusetts General Hospital | 006570 Massachusetts General Hospital | 6941862 | C | P061902 | 224403/F. WANG | Greenberg /Julie E | 09/01/19 | 05/31/20 | 53 | 59,671 | (0) |
| | | 6942517 | C | P061902 | 232602 | Greenberg /Julie E | 01/16/20 | 05/31/21 | (183) | 99,178 | 0 |
| | | 6943916 | C | P159300 | 234386 | Brown /Emery Neal | 06/01/20 | 05/31/21 | 799 | 23,660 | (0) |
| | | 6944857 | C | P061901 | GENSHFT 234483 | Shalek /Alexander K | 06/01/20 | 05/29/21 | 0 | 101,550 | 1,174 |
| | | 6946131 | C | P064000 | 226255 (BARKSDALE) | Kolodziejski /Leslie A | 09/01/21 | 05/31/22 | 6,400 | 6,400 | 0 |
| | | 6946810 | C | P061902 | 238135 | Greenberg /Julie E | 06/01/21 | 01/15/22 | 20,280 | 20,280 | 0 |
| | | 6946812 | C | P061902 | 237564 | Greenberg /Julie E | 06/01/21 | 08/31/21 | 6,961 | 6,961 | 0 |
| | | 6947006 | C | P061902 | 231139 (ROBINSON) | Greenberg /Julie E | 06/01/21 | 05/31/22 | 50,481 | 50,633 | 152 |
| | | 6947010 | C | P061902 | 237810 (PATEL) | Greenberg /Julie E | 01/16/22 | 05/31/22 | 31,003 | 31,313 | 310 |
| | | 6947071 | C | P061902 | 232602 | Greenberg /Julie E | 06/01/21 | 01/15/22 | 12,882 | 12,882 | 0 |
| | | 6947360 | C | P069201 | AGREEMENT 2021A015992 / REF# 23 | Lauffenburger /Douglas A | 10/01/21 | 09/30/22 | 0 | 57,500 | 57,500 |
| | | 6947646 | C | P061902 | 223737 | Greenberg /Julie E | 01/16/22 | 05/31/22 | 7,676 | 9,898 | 2,222 |
| | | 6947752 | C | P061901 | 238659 | Shalek /Alexander K | 05/01/22 | 04/30/23 | 0 | 28,917 | 28,917 |
| | | 6947753 | C | P061901 | 240464 | Shalek /Alexander K | 05/01/22 | 04/30/23 | 0 | 6,356 | 6,356 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947759 | C | P061901 | 232558 | Shalek /Alexander K | 02/01/22 | 01/31/23 | 0 | 3,178 | 3,178 |
| | | 6947760 | C | P064000 | 226255 (DRAGO) | Kolodziejski /Leslie A | 06/01/22 | 08/31/22 | 272 | 926 | 654 |
| | | 6947791 | C | P064000 | 216234 | Kolodziejski /Leslie A | 01/16/22 | 05/31/22 | 31,856 | 31,857 | 1 |
| | | 6947812 | C | P061901 | 240719 | Shalek /Alexander K | 02/01/22 | 01/31/23 | 0 | 636 | 636 |
| | **Total by Primary Sponsor** | | | | | | | | **168,478** | **551,796** | **101,102** |
| 006578 Massachusetts Technology Collaborative | 006578 Massachusetts Technology Collaborativ | 6944331 | C | P061901 | 21585 | Edelman /Elazer R | 05/01/20 | 09/30/21 | 0 | 60,000 | 60,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **60,000** | **60,000** |
| 006593 McKnight Foundation | 006593 McKnight Foundation | 6940715 | C | P400600 | AGREEMENT DTD. 4/9/2019 | Harnett /Mark Thomas | 07/01/19 | 06/30/22 | 111,473 | 225,000 | 10,831 |
| | | 6943954 | C | P159300 | AGREEMENT DATED JULY 2, 2020 | Flavell /Steven Willem | 07/01/20 | 06/30/22 | 60,521 | 150,000 | 14,381 |
| | **Total by Primary Sponsor** | | | | | | | | **171,994** | **375,000** | **25,212** |
| 006594 James S. McDonnell Foundation | 006594 James S. McDo | 6934461 | C | P158000 | JSMF GRANT NO. 220020476 | Gore /Jeff | 10/01/16 | 09/30/22 | 0 | 450,000 | 99,101 |
| | 007380 Stanford University | 6938656 | C | P400600 | PO#61662261 SPO#124545 | DiCarlo /James | 08/21/17 | 06/30/20 | (18,843) | 13,187 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(18,843)** | **463,187** | **99,101** |
| 006596 McKnight Endowment Fund | 006596 McKnight Endowment Fund | 6936558 | C | P400600 | AGREEMENT DATED 5-10-2017 | Jazayeri /Mehrdad | 07/01/17 | 06/30/21 | 11,523 | 225,000 | (0) |
| | | 6938843 | C | P400600 | AGMT. DTD. 6/12/2018 | Fee /Michale Sean | 08/01/18 | 07/31/22 | 23,566 | 200,000 | 4,602 |
| | **Total by Primary Sponsor** | | | | | | | | **35,089** | **425,000** | **4,602** |
| 006604 Andrew W Mellon Foundation | 006604 Andrew W. Mell | 6942987 | C | P271000 | 1802-05529 | Bourg /Mary C | 04/01/20 | 08/31/22 | 289,966 | 750,000 | 448,786 |
| | **Total by Primary Sponsor** | | | | | | | | **289,966** | **750,000** | **448,786** |
| 006697 Charles Stuart Mott Foundation | 006697 Charles Stuart Mott Foundation | 6946463 | C | P320000 | GRANT # 2021-08501 | Moniz /Ernest J | 04/01/21 | 03/31/22 | 70,000 | 70,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **70,000** | **70,000** | **(0)** |
| 006700 Muscular Dystrophy Assoc. of America, Incorporated | 006700 Muscular Dystrophy Assoc. of America, Incorporated | 6939779 | C | P061901 | MDA577961 | Roche /Ellen | 10/01/18 | 09/30/21 | 39,268 | 299,802 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **39,268** | **299,802** | **0** |
| 006716 Eni S.p.A. | 006716 Eni S.p.A. | 6927495 | C | P320000 | 5210000541 | Armstrong /Robert C | 01/01/13 | 12/31/20 | 0 | 118,188 | 118,188 |
| | | 6927496 | C | P320000 | 5210000541 | Armstrong /Robert C | 01/01/13 | 12/31/16 | 0 | 155 | 155 |
| | | 6927497 | C | P320000 | 5210000541 | Armstrong /Robert C | 01/01/13 | 12/31/16 | 0 | 0 | 0 |
| | | 6927498 | C | P320000 | 5210000541 | Slocum /Alexander H | 03/01/13 | 06/30/16 | 0 | 289,902 | 0 |
| | | 6927499 | C | P320000 | 5210000541 | Hammond /Paula T | 03/01/13 | 10/31/16 | 0 | 640,000 | 0 |
| | | 6927500 | C | P320000 | 5210000541 | Bawendi /Moungi G | 03/01/13 | 12/31/20 | 0 | 0 | 0 |
| | | 6927501 | C | P320000 | 5210000541 | Bawendi /Moungi G | 03/01/13 | 06/30/16 | 0 | 689,998 | (0) |
| | | 6927502 | C | P320000 | 5210000541 | Lloyd /Seth | 03/01/13 | 12/31/15 | 0 | 189,365 | (0) |
| | | 6927504 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 06/30/16 | 0 | 249,993 | (0) |
| | | 6927505 | C | P320000 | 5210000541 | Swager /Timothy M | 03/01/13 | 06/30/16 | 0 | 249,934 | 0 |
| | | 6927506 | C | P320000 | 5210000541 | Van Voorhis /Troy | 03/01/13 | 06/30/16 | 0 | 199,983 | 0 |
| | | 6927507 | C | P320000 | 5210000541 | Kong /Jing | 03/01/13 | 09/15/16 | 0 | 420,000 | 0 |
| | | 6927509 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 02/28/17 | 0 | 640,000 | (0) |
| | | 6927510 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 02/28/17 | 0 | 564,324 | (0) |
| | | 6927511 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 08/31/16 | 0 | 190,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927512 | C | P320000 | 5210000541 | Buonassisi /Anthony | 03/01/13 | 12/31/15 | 0 | 230,000 | 0 |
| | | 6927513 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 12/31/15 | 0 | 230,000 | (0) |
| | | 6927514 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 02/28/17 | 0 | 150,631 | 0 |
| | | 6927695 | C | P320000 | 5210000541 | Casalegno /Federico | 04/15/13 | 04/15/16 | 0 | 1,061,974 | 0 |
| | | 6927805 | C | P320000 | 5210000541 | Hammond /Paula T | 01/01/13 | 09/30/14 | 0 | 200,000 | 0 |
| | | 6927819 | C | P320000 | 5210000541 | Bawendi /Moungi G | 03/01/13 | 12/31/15 | 0 | 220,000 | (0) |
| | | 6927820 | C | P320000 | 5210000541 | Gradecak /Silvija | 03/01/13 | 08/31/15 | 0 | 330,000 | (0) |
| | | 6927821 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 12/31/15 | 0 | 186,243 | 0 |
| | | 6927822 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 06/30/16 | 0 | 419,996 | 0 |
| | | 6927823 | C | P320000 | 5210000541 | Grossman /Jeffrey C. | 03/01/13 | 12/31/15 | 0 | 219,998 | (0) |
| | | 6927824 | C | P320000 | 5210000541 | Jarillo-Herrero /Pablo | 03/01/13 | 12/31/15 | 0 | 165,000 | 0 |
| | | 6927825 | C | P320000 | 5210000541 | Palacios /Tomas | 03/01/13 | 12/31/15 | 0 | 165,000 | (0) |
| | | 6927850 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 12/31/15 | 0 | 39,963 | 0 |
| | | 6927894 | C | P320000 | 5210000541 | Bawendi /Moungi G | 03/01/13 | 12/31/15 | 0 | 199,999 | (0) |
| | | 6927895 | C | P320000 | 5210000541 | Belcher /Angela M | 03/01/13 | 12/31/15 | 0 | 200,000 | 0 |
| | | 6927915 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 02/28/16 | 0 | 368,366 | (0) |
| | | 6927950 | C | P320000 | 5210000541 | Green /William H | 06/01/13 | 07/31/16 | 0 | 585,756 | 0 |
| | | 6927951 | C | P320000 | 5210000541 | Ono /Shuhei | 06/01/13 | 05/31/16 | 0 | 372,779 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927952 | C | P320000 | 5210000541 | Hatton /Trevor Alan | 06/01/13 | 12/31/16 | 0 | 969,574 | (0) |
| | | 6927969 | C | P320000 | 5210000541 | Juanes /Ruben | 06/01/13 | 12/31/16 | 0 | 599,999 | 0 |
| | | 6928191 | C | P320000 | 5210000541 | Swager /Timothy M | 03/01/13 | 06/30/16 | 0 | 539,931 | (0) |
| | | 6928192 | C | P320000 | 5210000541 | Van Voorhis /Troy | 03/01/13 | 06/30/16 | 0 | 280,000 | 0 |
| | | 6928364 | C | P320000 | CONTRACT NO. 5210000541 PO NO. 4310059796 | Hammond /Paula T | 09/01/13 | 05/31/15 | 0 | 240,000 | (0) |
| | | 6928365 | C | P320000 | CONTRACT NO. 5210000541 PO NO. 4310053637 | Grossman /Jeffrey C. | 09/01/13 | 08/31/15 | 0 | 119,756 | 0 |
| | | 6928385 | C | P320000 | 5210000541 | Juanes /Ruben | 08/01/13 | 01/31/16 | 0 | 349,997 | (0) |
| | | 6928386 | C | P320000 | 5210000541 | Marzouk /Youssef M | 08/01/13 | 02/29/16 | 0 | 450,000 | (0) |
| | | 6928387 | C | P320000 | 5210000541 | Hager /Bradford H | 08/01/13 | 11/30/15 | 0 | 200,000 | 0 |
| | | 6928421 | C | P320000 | 5210000541 | Swager /Timothy M | 03/01/13 | 07/31/15 | 0 | 342,285 | (0) |
| | | 6928528 | C | P320000 | 5210000541 | Bawendi /Moungi G | 03/01/13 | 12/31/22 | 0 | 420,000 | 4,966 |
| | | 6928529 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 02/28/15 | 0 | 60,000 | 0 |
| | | 6928586 | C | P320000 | 5210000541 | Gleason /Karen K | 09/01/13 | 12/31/15 | 0 | 104,977 | 0 |
| | | 6928683 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 02/28/15 | 0 | 39,918 | 0 |
| | | 6928704 | C | P320000 | 5210000541 | Swager /Timothy M | 09/11/13 | 04/30/14 | 0 | 17,656 | 0 |
| | | 6928832 | C | P320000 | 5210000541 | Varanasi /Kripa | 12/01/13 | 05/31/17 | 0 | 873,552 | (0) |
| | | 6928905 | C | P320000 | 5210000541 | Gschwend /Philip M | 10/01/13 | 06/30/16 | 0 | 390,000 | (0) |
| | | 6929381 | C | P320000 | 5210000541 | Green /William H | 03/01/14 | 03/30/15 | 0 | 13,350 | 0 |
| | | 6929510 | C | P320000 | 5210000541 | Brushett /Fikile R | 03/01/14 | 08/31/16 | 0 | 770,521 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929511 | C | P320000 | 5210000541 | Armstrong /Robert C | 01/16/14 | 08/31/16 | 0 | 798,731 | 0 |
| | | 6930598 | C | P320000 | 5210000541 | Tisdale /William | 03/01/14 | 02/29/16 | 0 | 200,000 | 0 |
| | | 6930633 | C | P320000 | 5210000541 | Strano /Michael S. | 08/01/14 | 08/31/17 | 0 | 300,000 | (0) |
| | | 6931106 | C | P320000 | 5210000541 | Strano /Michael S. | 08/01/14 | 12/31/15 | 0 | 60,000 | 0 |
| | | 6931176 | C | P320000 | 5210000541 | Grossman /Jeffrey C. | 11/01/14 | 08/31/15 | 0 | 60,000 | (0) |
| | | 6931423 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/14 | 07/31/16 | 0 | 120,000 | 0 |
| | | 6931605 | C | P320000 | 5210000541 | Gleason /Karen K | 03/01/13 | 08/31/15 | 0 | 60,000 | 0 |
| | | 6931675 | C | P320000 | 5210000541 | Kong /Jing | 09/01/14 | 09/30/15 | 0 | 60,000 | (0) |
| | | 6931989 | C | P320000 | 5210000541 | Green /William H | 09/01/14 | 05/31/16 | 0 | 60,000 | 0 |
| | | 6932298 | C | P320000 | PO 4310145481 | Karplus /Valerie Jean | 06/01/15 | 12/31/16 | 0 | 149,767 | 0 |
| | | 6932366 | C | P320000 | 5210000541 | Grossman /Jeffrey C. | 03/01/15 | 06/30/16 | 0 | 129,999 | 0 |
| | | 6932457 | C | P320000 | CONTRACT NO. 5210000541 | Tisdale /William | 09/01/14 | 02/29/16 | 0 | 59,999 | (0) |
| | | 6932460 | C | P320000 | 5210000541 | Bulovic /Vladimir | 03/01/13 | 02/28/17 | 0 | 60,000 | 0 |
| | | 6932461 | C | P320000 | 5210000541 | Gradecak /Silvija | 03/01/13 | 06/30/16 | 0 | 119,995 | (0) |
| | | 6932500 | C | P320000 | CONTRACT NO. 5210000541 | Juanes /Ruben | 04/01/15 | 12/31/16 | 0 | 78,711 | 0 |
| | | 6932574 | C | P320000 | 5210000541 | Van Voorhis /Troy | 03/01/15 | 06/30/16 | 0 | 70,000 | 0 |
| | | 6933231 | C | P320000 | 5210000541 | Van Voorhis /Troy | 03/01/15 | 02/29/16 | 0 | 60,000 | 0 |
| | | 6933232 | C | P320000 | 5210000541 | Swager /Timothy M | 03/01/15 | 08/31/17 | 0 | 60,000 | 0 |
| | | 6933628 | C | P320000 | 5210000541 | Swager /Timothy M | 03/01/14 | 02/28/15 | 0 | 60,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933806 | C | P320000 | 5210000541 / 4310174033 | Casalegno /Federico | 04/16/16 | 06/15/17 | 0 | 289,978 | 0 |
| | | 6933821 | C | P320000 | 5210000541 | Marzouk /Youssef M | 03/01/16 | 02/28/17 | 0 | 100,000 | (0) |
| | | 6933822 | C | P320000 | 5210000541 | Marzouk /Youssef M | 03/01/16 | 02/28/17 | 0 | 59,990 | 0 |
| | | 6933889 | C | P320000 | 5210000541 | Bawendi /Moungi G | 01/01/16 | 12/31/17 | 0 | 230,000 | (0) |
| | | 6933890 | C | P320000 | 5210000541 | Swager /Timothy M | 01/01/16 | 08/31/17 | 0 | 80,000 | (0) |
| | | 6933958 | C | P320000 | 5210000541 | Slocum /Alexander H | 01/01/16 | 08/31/17 | 0 | 74,983 | (0) |
| | | 6934097 | C | P320000 | 4310177999 | Swager /Timothy M | 01/01/16 | 08/31/17 | 0 | 90,000 | 0 |
| | | 6934098 | C | P320000 | 4310177999 | Bulovic /Vladimir | 01/01/16 | 08/31/17 | 0 | 140,000 | (0) |
| | | 6934099 | C | P320000 | 4310177999 | Van Voorhis /Troy | 01/01/16 | 08/31/17 | 0 | 100,000 | (0) |
| | | 6934100 | C | P320000 | 4310177999 | Grossman /Jeffrey C. | 01/01/16 | 08/31/17 | 0 | 100,000 | 0 |
| | | 6934101 | C | P320000 | 4310177999 | Kong /Jing | 01/01/16 | 12/31/17 | 0 | 30,000 | (0) |
| | | 6934102 | C | P320000 | 4310177999 | Gradecak /Silvija | 01/01/16 | 08/31/17 | 0 | 60,000 | (0) |
| | | 6934104 | C | P320000 | 4310177998 | Gleason /Karen K | 01/01/16 | 10/31/17 | 0 | 200,000 | 0 |
| | | 6934105 | C | P320000 | 5210000541 | Bulovic /Vladimir | 01/01/16 | 08/31/17 | 0 | 59,847 | (0) |
| | | 6934106 | C | P320000 | 5210000541 | Bulovic /Vladimir | 01/01/16 | 08/31/17 | 0 | 140,000 | (0) |
| | | 6934209 | C | P320000 | 5210000541 / PO 4310186203 | Gschwend /Philip M | 07/01/16 | 02/28/19 | 0 | 392,810 | (0) |
| | | 6934212 | C | P320000 | 5210000541 / PO 4310184508 | Juanes /Ruben | 05/01/16 | 12/31/17 | 0 | 225,000 | (0) |
| | | 6934295 | C | P320000 | 5210000541 | Tisdale /William | 03/01/16 | 08/31/17 | 0 | 100,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6934332 | C | P320000 | 5210000541 | Swager /Timothy M | 06/01/16 | 05/31/17 | 0 | 60,000 | 0 |
| | | 6934333 | C | P320000 | 5210000541 | Gradecak /Silvija | 04/01/16 | 03/31/17 | 0 | 60,000 | (0) |
| | | 6934334 | C | P320000 | 5210000541 | Kong /Jing | 07/01/16 | 12/31/17 | 0 | 59,837 | 0 |
| | | 6934335 | C | P320000 | 5210000541 | Bulovic /Vladimir | 07/01/16 | 06/30/17 | 0 | 59,927 | 0 |
| | | 6934366 | C | P320000 | 5210000541 / PO 4310187859 | Surendranath /Yogesh | 05/01/16 | 09/30/18 | 0 | 933,000 | 0 |
| | | 6934376 | C | P320000 | 5210000541 / PO 4310184757 | Green /William H | 05/01/16 | 07/31/17 | 0 | 100,000 | (0) |
| | | 6934377 | C | P320000 | 5210000541 / PO 4310184757 | Green /William H | 05/01/16 | 05/31/17 | 0 | 60,000 | 0 |
| | | 6934378 | C | P320000 | 5210000541 / PO 4310184757 | Green /William H | 05/01/16 | 05/31/17 | 0 | 60,000 | 0 |
| | | 6934387 | C | P320000 | 5210000541 | Green /William H | 06/01/16 | 05/31/17 | 0 | 99,949 | (0) |
| | | 6934410 | C | P320000 | 5210000541 / PO 4310187635 | Hatton /Trevor Alan | 06/01/16 | 05/31/19 | 0 | 754,121 | (0) |
| | | 6934411 | C | P320000 | 5210000541 / PO 4310188345 | Shao-Horn /Yang | 07/01/16 | 06/30/19 | 0 | 750,000 | 0 |
| | | 6934642 | C | P320000 | 5210000541 / PO 4310187635 | Hatton /Trevor Alan | 06/01/16 | 05/31/17 | 0 | 60,000 | (0) |
| | | 6934884 | C | P320000 | 5210000541 / PO 4310191919 | Shao-Horn /Yang | 09/01/16 | 08/31/19 | 0 | 526,207 | 0 |
| | | 6935034 | C | P320000 | 5210000541 / PO 4310192434 | Varanasi /Kripa | 10/01/16 | 09/30/19 | 0 | 344,730 | 0 |
| | | 6935517 | C | P320000 | 5210000541 / PO 4310191919 | Varanasi /Kripa | 09/01/16 | 08/31/19 | 0 | 234,673 | 0 |
| | | 6935815 | C | P320000 | 5210000949 | Armstrong /Robert C | 01/01/17 | 03/31/23 | 0 | 27,283 | 27,283 |
| | | 6936101 | C | P320107 | 5210000949 PO 4310219353 | Bulovic /Vladimir | 01/01/17 | 02/29/20 | 0 | 442,611 | 0 |
| | | 6936102 | C | P320107 | 5210000949 PO 4310219159 | Swager /Timothy M | 01/01/17 | 02/29/20 | 0 | 420,051 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936103 | C | P320107 | 5210000949 PO 4310219313 | Slocum /Alexander H | 01/01/17 | 02/29/20 | 0 | 284,705 | (0) |
| | | 6936107 | C | P320107 | 5210000949 PO 4310219159 | Bulovic /Vladimir | 01/01/17 | 04/30/20 | 0 | 419,949 | (0) |
| | | 6936295 | C | P320107 | 5210000949 PO 4310219165 | Gradecak /Silvija | 01/01/17 | 02/28/19 | 0 | 259,479 | 0 |
| | | 6936296 | C | P320107 | 5210000949 PO 4310219165 | Kong /Jing | 01/01/17 | 06/30/19 | 0 | 292,912 | 0 |
| | | 6936366 | C | P320000 | 5210000949 | Armstrong /Robert C | 01/01/17 | 12/31/20 | 0 | 371,970 | 369,916 |
| | | 6936390 | C | P320107 | 5210000949 PO 4310219174 | Bawendi /Moungi G | 01/01/17 | 02/29/20 | 0 | 749,984 | 0 |
| | | 6936391 | C | P320107 | 5210000949 PO 4310219174 | Bawendi /Moungi G | 01/01/17 | 02/29/20 | 0 | 60,000 | (0) |
| | | 6936393 | C | P320000 | 5210000949 PO 4310225150 | Green /William H | 06/01/17 | 01/15/21 | 0 | 960,000 | 0 |
| | | 6936408 | C | P320105 | 5210000949 PO 4310220931 | Swager /Timothy M | 06/01/17 | 11/30/20 | 0 | 750,000 | (0) |
| | | 6936409 | C | P320107 | 5210000949 | Gradecak /Silvija | 06/01/17 | 02/28/18 | 0 | 59,962 | (0) |
| | | 6936490 | C | P320000 | 5210000949 PO 4310228319 | Kulik /Heather Janine | 06/01/17 | 05/31/20 | 0 | 500,000 | 0 |
| | | 6936510 | C | P320000 | 5210000541 | Hatton /Trevor Alan | 06/01/17 | 05/31/18 | 0 | 0 | 0 |
| | | 6936588 | C | P320000 | 5210000949 | Kong /Jing | 08/01/17 | 02/28/19 | 0 | 120,000 | 0 |
| | | 6936658 | C | P320000 | 5210000949 | Hatton /Trevor Alan | 06/01/17 | 05/31/18 | 0 | 60,000 | 0 |
| | | 6936661 | C | P320000 | 5210000949 | Knittel /Christopher Roland | 06/01/17 | 05/31/18 | 0 | 59,732 | 0 |
| | | 6936662 | C | P320107 | 5210000949 | Bulovic /Vladimir | 05/01/17 | 01/31/20 | 0 | 1,046,874 | (0) |
| | | 6936663 | C | P320000 | 4310233848 / 4310233859 / 43102993 | Casalegno /Federico | 04/15/17 | 04/14/20 | 0 | 1,213,000 | 0 |
| | | 6936664 | C | P320000 | 5210000949 | Tisdale /William | 09/01/17 | 05/31/18 | 0 | 60,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936939 | C | P320000 | 5210000949 | Karnik /Rohit | 08/01/17 | 04/30/20 | 0 | 390,000 | 0 |
| | | 6936941 | C | P320000 | 5210000949 | Rupp /Jennifer Lilia Marguerit | 09/01/17 | 10/31/18 | 0 | 120,000 | (0) |
| | | 6936942 | C | P320000 | 5210000949 | Rupp /Jennifer Lilia Marguerit | 09/01/17 | 10/31/18 | 0 | 100,000 | (0) |
| | | 6936944 | C | P320107 | 5210000949 | Gleason /Karen K | 09/01/17 | 02/28/20 | 0 | 499,633 | 0 |
| | | 6937036 | C | P320000 | 5210000949 | Barrett /Steven R. H. | 06/01/17 | 02/28/19 | 0 | 150,000 | 0 |
| | | 6937037 | C | P320000 | 5210000949 | Juanes /Ruben | 01/01/18 | 12/31/18 | 0 | 60,000 | 0 |
| | | 6937827 | C | P320000 | RPP 4310505129 | Varanasi /Kripa | 09/01/17 | 12/31/22 | 398,444 | 995,000 | (7,930) |
| | | 6938131 | C | P320000 | 5210000949 | Casalegno /Federico | 04/15/17 | 04/14/18 | 0 | 0 | 0 |
| | | 6938394 | C | P320107 | 4310260562 | Bulovic /Vladimir | 01/01/18 | 01/31/20 | 0 | 299,925 | 0 |
| | | 6938491 | C | P320000 | 5210000949 | Hartwig /Zachary Seth | 02/01/18 | 01/31/19 | 0 | 60,000 | 0 |
| | | 6938911 | C | P320000 | 5210000949 | Bromberg /Leslie | 06/01/18 | 10/31/21 | 57,511 | 485,562 | (0) |
| | | 6939003 | C | P320000 | 4310280600 | Whyte /Dennis G | 04/01/18 | 06/30/21 | (47,478) | 333,584 | 36 |
| | | 6939004 | C | P320000 | 4310280198 | Woller /Kevin Benjamin | 04/01/18 | 09/30/21 | 51,902 | 356,482 | (0) |
| | | 6939020 | C | P320000 | 4310280595 | Hartwig /Zachary Seth | 04/01/18 | 05/31/21 | 0 | 387,190 | 0 |
| | | 6939021 | C | P320000 | 4310280204 | Hartwig /Zachary Seth | 04/01/18 | 05/31/21 | 0 | 380,428 | 0 |
| | | 6939023 | C | P320000 | 5210000541 / PO 4310187635 | Hatton /Trevor Alan | 06/01/17 | 10/01/18 | 0 | 24,031 | 0 |
| | | 6939024 | C | P320000 | 5210000541 / PO 4310187635 | Hatton /Trevor Alan | 06/01/16 | 10/01/18 | 0 | 34,459 | 0 |
| | | 6939032 | C | P320000 | 5210000949 | Knittel /Christopher Roland | 06/01/18 | 05/31/20 | 0 | 120,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939349 | C | P320000 | 5210000949 | Surendranath /Yogesh | 06/01/18 | 02/13/19 | 0 | 200,000 | 0 |
| | | 6939355 | C | P320000 | 5210000949 | Rupp /Jennifer Lilia Marguerit | 09/01/18 | 08/31/21 | (2,689) | 119,983 | 0 |
| | | 6939448 | C | P320000 | 5210000949 | O'Sullivan /Francis Martin | 09/01/18 | 08/31/19 | 0 | 59,994 | 0 |
| | | 6939506 | C | P320000 | 5210000949 | Ceyer /Sylvia Teresse | 12/01/18 | 11/30/21 | (4,454) | 184,724 | 0 |
| | | 6939519 | C | P320000 | 4310280204 | Hartwig /Zachary Seth | 04/01/18 | 05/31/21 | 0 | 77,299 | 0 |
| | | 6939527 | C | P320000 | 4310280595 | Hartwig /Zachary Seth | 04/01/18 | 01/31/21 | 0 | 36,751 | 0 |
| | | 6939702 | C | P320000 | 5210001356 | Varanasi /Kripa | 09/01/18 | 12/31/22 | 185,502 | 732,404 | 25,149 |
| | | 6939754 | C | P320000 | 5210000541 / PO 4310187635 | Hatton /Trevor Alan | 06/01/18 | 05/31/19 | 0 | 102,389 | 0 |
| | | 6940046 | C | P320000 | 5210000949 | Plata /Desiree Louise | 11/01/18 | 06/30/20 | 0 | 623,586 | (0) |
| | | 6940815 | C | P320000 | 5210000949 | Shao-Horn /Yang | 05/01/19 | 12/31/19 | 0 | 103,662 | 0 |
| | | 6940816 | C | P320000 | 5210000949 | Kong /Jing | 05/01/19 | 12/31/19 | 0 | 110,000 | 0 |
| | | 6940817 | C | P320000 | 5210000949 | Hatton /Trevor Alan | 05/01/19 | 12/31/19 | 0 | 84,676 | (0) |
| | | 6940818 | C | P320000 | 5210000949 | Bawendi /Moungi G | 05/01/19 | 12/31/19 | 0 | 170,000 | (0) |
| | | 6940819 | C | P320000 | 5210000949 | Wukitch /Stephen James | 05/01/19 | 09/30/19 | 0 | 7,896 | 0 |
| | | 6940849 | C | P320000 | 5210000949 | Whyte /Dennis G | 09/01/19 | 08/31/20 | 0 | 118,894 | 0 |
| | | 6940909 | C | P320000 | 5210000949 | Romano /Giuseppe | 06/01/19 | 05/31/20 | 0 | 52,582 | (0) |
| | | 6940984 | C | P320000 | 5210000949 | Swager /Timothy M | 06/01/19 | 03/31/20 | 0 | 192,368 | (0) |
| | | 6941021 | C | P320000 | 5210000949 | Gschwend /Philip M | 05/01/19 | 04/30/23 | 302,179 | 840,000 | 103,298 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941105 | C | P320000 | 5210000949 | Shao-Horn /Yang | 07/01/19 | 06/30/20 | 0 | 59,769 | (0) |
| | | 6941196 | C | P320000 | 5210000949 | Forsberg /Charles W | 06/01/19 | 12/31/20 | 0 | 349,029 | 0 |
| | | 6941347 | C | P320000 | 5210000949 | Ceyer /Sylvia Teresse | 02/07/19 | 11/30/19 | 0 | 14,823 | 0 |
| | | 6941843 | C | P320000 | 5210000949 | Li /Ju | 07/01/19 | 06/30/20 | 0 | 60,000 | (0) |
| | | 6941844 | C | P320000 | 5210000949 | Short /Michael P | 07/01/19 | 06/30/21 | 34 | 60,000 | (0) |
| | | 6941845 | C | P320000 | 5210000949 | Short /Michael P | 07/01/19 | 06/30/20 | 0 | 59,999 | 0 |
| | | 6942133 | C | P320000 | | Armstrong /Robert C | 09/15/19 | 02/29/24 | 0 | 252 | 252 |
| | | 6942137 | C | P320000 | | Armstrong /Robert C | 09/15/19 | 12/31/23 | 0 | 50,011 | 50,011 |
| | | 6942187 | C | P320000 | AGREEMENT# 52100001356 | Short /Michael P | 09/01/19 | 09/30/22 | 187,136 | 535,732 | 43,138 |
| | | 6942192 | C | P320000 | AGREEMENT# 52100001356 | Kong /Jing | 10/01/19 | 09/30/22 | 269,910 | 790,000 | 95,855 |
| | | 6942195 | C | P320000 | AGREEMENT# 52100001359 | Short /Michael P | 09/01/19 | 09/30/22 | 266,360 | 711,663 | 281,187 |
| | | 6942201 | C | P320000 | AGREEMENT# 52100001359 | Li /Ju | 10/01/19 | 09/30/22 | 103,448 | 690,000 | 233,224 |
| | | 6942225 | C | P320000 | AGREEMENT# 52100001356 | Bawendi /Moungi G | 10/01/19 | 09/30/22 | 234,581 | 730,000 | 45,365 |
| | | 6942245 | C | P320000 | AGREEMENT# 52100001356 | Roman /Yuriy | 10/01/19 | 09/30/22 | 278,904 | 900,000 | 37,933 |
| | | 6942248 | C | P243020 | AGREEMENT# 52100001359 | Wukitch /Stephen James | 10/01/19 | 09/30/22 | 940,010 | 926,279 | (1,056,425) |
| | | 6942291 | C | P320000 | | Greenwald /Martin Joseph | 01/01/20 | 03/31/22 | 60,090 | 240,000 | 0 |
| | | 6942329 | C | P320000 | AGREEMENT# 52100001356 | Shao-Horn /Yang | 10/01/19 | 12/31/22 | 0 | 0 | 0 |
| | | 6942330 | C | P320000 | AGREEMENT# 52100001356 | Shao-Horn /Yang | 10/01/19 | 12/31/22 | 97,857 | 412,493 | 205,503 |
| | | 6942331 | C | P320000 | AGREEMENT# 52100001356 | Roman /Yuriy | 10/01/19 | 12/31/22 | 84,707 | 382,319 | 193,466 |
| | | 6942332 | C | P320000 | AGREEMENT# 52100001356 | Johnson /Jeremiah A. | 10/01/19 | 12/31/22 | 151,699 | 388,566 | 70,433 |
| | | 6942457 | C | P320000 | AGREEMENT# 52100001356 | Shao-Horn /Yang | 01/01/20 | 08/31/22 | 123 | 26,825 | 14,526 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942677 | C | P320000 | WORK ORDER 5210001359 | Karnik /Rohit | 01/01/20 | 02/14/23 | 278,536 | 632,120 | (114,583) |
| | | 6942835 | C | P320000 | WORK ORDER 5210001359 | Karnik /Rohit | 02/21/20 | 04/24/21 | 0 | 70,000 | 1,443 |
| | | 6942841 | C | P320107 | WORK ORDER# 4310383824 | Bulovic /Vladimir | 02/01/20 | 10/31/21 | 29,058 | 584,924 | (0) |
| | | 6943181 | C | P320000 | | Karnik /Rohit | 05/01/20 | 04/30/21 | (12,351) | 60,066 | 0 |
| | | 6943189 | C | P320000 | | Swager /Timothy M | 02/01/20 | 08/31/20 | 0 | 89,923 | 0 |
| | | 6943191 | C | P320000 | | Bulovic /Vladimir | 04/01/20 | 12/31/21 | 11,456 | 119,824 | (0) |
| | | 6943192 | C | P320000 | | Green /William H | 07/01/20 | 06/30/21 | 0 | 50,000 | (0) |
| | | 6943657 | C | P320000 | WK ORDER# 4310378360/431043990( | Swager /Timothy M | 07/01/20 | 03/31/22 | 204,205 | 544,068 | 3,080 |
| | | 6944150 | C | P320000 | | Whyte /Dennis G | 09/01/20 | 08/31/21 | 4,267 | 120,000 | 0 |
| | | 6944151 | C | P320000 | | Whyte /Dennis G | 09/01/20 | 08/31/21 | (7,529) | 120,000 | 0 |
| | | 6944968 | C | P320000 | WORK ORDER # 4310437268 | Karnik /Rohit | 02/01/21 | 01/31/23 | 272,433 | 275,539 | (22,673) |
| | | 6944970 | C | P320000 | WORK ORDER # 4310437162 | Bromberg /Leslie | 02/04/21 | 01/31/24 | 162,925 | 500,000 | 285,155 |
| | | 6945109 | C | P320000 | WO# 4310443340 | Swager /Timothy M | 03/01/21 | 02/29/24 | 129,311 | 250,000 | 94,900 |
| | | 6945217 | C | P320000 | WO# 4310443340 | Smith /Zachary P | 03/01/21 | 02/29/24 | 149,375 | 250,000 | 49,896 |
| | | 6945230 | C | P320000 | WO# 4310445681/4310490246 | Green /William H | 04/01/21 | 03/31/23 | 462,276 | 640,000 | 153,461 |
| | | 6945334 | C | P320000 | | Bulovic /Vladimir | 05/01/21 | 12/31/22 | 162,537 | 150,000 | (12,537) |
| | | 6945458 | C | P243020 | 5210000949 / WORK ORDER 4310449078 | Whyte /Dennis G | 04/16/21 | 03/31/23 | 181,325 | 84,738 | (104,163) |
| | | 6945752 | C | P320000 | 4310280600 | Whyte /Dennis G | 04/01/18 | 07/31/21 | 26,067 | 26,067 | 0 |
| | | 6945767 | C | P320000 | WO 4310458669 | Hartwig /Zachary Seth | 07/01/21 | 09/30/22 | 257,233 | 191,677 | (65,556) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947464 | C | P320000 | | Hughes /Jerry | 04/01/22 | 03/31/23 | 36,057 | 80,000 | 43,943 |
| | | 6947827 | C | P320000 | | Hartwig /Zachary Seth | 07/01/22 | 06/30/23 | 0 | 60,000 | 60,000 |
| | **Total by Primary Sponsor** | | | | | | | | **5,962,953** | **54,830,038** | **1,227,896** |
| 006725 National Academy of Sciences | 006870 North Carolina State University | 6940187 | C | P065005 | 2018-2798-03 | Lermusiaux /Pierre | 01/01/19 | 06/30/22 | 96,946 | 269,881 | 17,356 |
| | **Total by Primary Sponsor** | | | | | | | | **96,946** | **269,881** | **17,356** |
| 006732 Nancy Lurie Marks Family Foundation | 006570 Massachusetts General Hospital | 6945380 | C | P039000 | AGREEMENT 237752 | Maes /Patricia | 08/03/20 | 08/02/22 | 51,588 | 50,000 | (2,936) |
| | 006732 Nancy Lurie Marks Family Foundatio | 6934214 | C | P400600 | LTR. AGREEMENT DTD. 05/05/2016 | Graybiel /Ann M | 08/01/16 | 07/31/19 | 103 | 361,960 | 0 |
| | | 6941443 | C | P159300 | LETTER DATED 5/12/19 | Choi /Bohyun Gloria | 06/01/19 | 05/31/23 | 10,113 | 600,000 | 514,850 |
| | **Total by Primary Sponsor** | | | | | | | | **61,805** | **1,011,960** | **511,914** |
| 006775 National Foundation-March of Dimes | 006775 National Foundation-March of Dimes | 6942261 | C | P418101 | 5-FY19-106 | Calo Velazquez /Eliezer | 07/01/19 | 06/30/22 | 7,507 | 150,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **7,507** | **150,000** | **(0)** |
| 006876 Northwestern University | 006876 Northwestern University | 6947551 | C | P067952 | 60061031 MIT | Cafarella /Michael J | 03/01/22 | 02/28/23 | 0 | 125,000 | 125,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **125,000** | **125,000** |
| 006907 Aurora Flight Sciences RDC | 006907 Aurora Flight Sciences RDC | 6939881 | C | P061093 | AGMT. DATED 11/30/2018 | Hansman /Robert J | 11/01/18 | 06/30/21 | (5) | 199,781 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(5)** | **199,781** | **(0)** |
| 006918 Samsung Electronics Co., Ltd. | 006918 Samsung Electronics Co., Ltd. | 6928049 | C | P039010 | MEDIA LAB SIG | Lieberman /Henry A | 07/01/13 | 07/31/14 | 0 | 42,481 | (0) |
| | | 6936692 | C | P039010 | GRO AGREEMENT DATED JULY 15, 2017 | Roy /Deb K | 07/15/17 | 07/14/18 | 0 | 150,000 | (0) |
| | | 6938603 | C | P039010 | AGREEMENT DATED FEB 1, 2018 | Park /Hae Won | 02/01/18 | 04/30/20 | 0 | 160,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944621 | C | P268001 | AGREEMENT DATED 12/1/2020 | Han /Song | 12/01/20 | 02/01/22 | 225,000 | 225,000 | (0) |
| | | 6946668 | C | P267500 | AGMT DATED 11/17/21 | Kim /Jeehwan | 02/01/22 | 01/31/23 | 87,627 | 150,000 | 62,373 |
| | | 6946781 | C | P065005 | SRA DTD. 12/13/21 | Youcef-Toumi /Kamal | 02/01/22 | 05/31/23 | 12,149 | 102,620 | 90,471 |
| | | 6946823 | C | P268003 | SAMSUNG MTL | Lee /Hae-Seung | 11/01/21 | 10/31/24 | 0 | 800,000 | 800,000 |
| | | 6946953 | C | P065005 | SRA DTD. 12/13/21 | Youcef-Toumi /Kamal | 02/01/22 | 01/31/23 | 25,788 | 47,380 | 21,592 |
| | | 6947170 | C | P268003 | SAMSUNG MTL | Chandrakasan /Anantha P | 11/01/21 | 10/31/24 | 12,339 | 0 | (12,339) |
| | | 6947171 | C | P268003 | SAMSUNG MTL | Bulovic /Vladimir | 11/01/21 | 10/31/24 | 14,425 | 0 | (14,425) |
| | | 6947172 | C | P268003 | SAMSUNG MTL | Jarillo-Herrero /Pablo | 11/01/21 | 10/31/24 | 16,964 | 0 | (16,964) |
| | | 6947173 | C | P268003 | SAMSUNG MTL | Lee /Hae-Seung | 11/01/21 | 10/31/24 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **394,292** | **1,677,481** | **930,708** |
| 006938 Target, Corporation | 006938 Target, Corporation | 6933322 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 11/01/15 | 06/30/18 | 0 | 1,757,711 | 250,000 |
| | | 6933369 | C | P039010 | MEDIA LAB CONSORTIA | Roy /Deb K | 11/01/15 | 10/31/17 | 0 | 1,304,400 | 0 |
| | | 6935530 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 11/01/15 | 06/30/18 | 0 | 375,681 | 0 |
| | | 6935705 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 01/01/17 | 06/30/18 | 0 | 268,930 | 0 |
| | | 6938764 | C | P039010 | AGREEMENT DATED MAY 31, 2018 | Raskar /Ramesh | 06/01/18 | 05/31/22 | 17,690 | 150,000 | (0) |
| | | 6940144 | C | P121012 | AGMT. DTD 1/15/19 | Levi /Retsef | 09/01/18 | 05/31/24 | 55,192 | 452,897 | 214,511 |
| | **Total by Primary Sponsor** | | | | | | | | **72,883** | **4,309,619** | **464,511** |
| 006946 Embraer-Empresa Brasileira de Aeronautica S.A. | 006946 Embraer-Empresa | 6941236 | C | P061094 | AGMT. DTD 9/11/19 | Barrett /Steven R. H. | 05/01/19 | 10/17/21 | 38,539 | 348,977 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **38,539** | **348,977** | **(0)** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 006977 Harvard School of Public Health | 006977 Harvard School of Public Health | 6945163 | C | P061902 | 365237-30550 | Greenberg /Julie E | 02/01/21 | 05/31/21 | (0) | 4,546 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(0)** | **4,546** | **0** |
| 007000 Anne E. Casey Foundation | 007000 Anne E. Casey Foundation | 6942053 | C | P091021 | GA-2019-X5874/PROJECT #219.2558 | Finkelstein /Amy | 08/01/19 | 12/31/22 | 78,386 | 200,000 | 86,241 |
| | | 6944469 | C | P091021 | GA-2020-B4391/PROJECT #220.4333 | Finkelstein /Amy | 07/01/20 | 06/30/23 | 113,330 | 600,000 | 469,387 |
| | **Total by Primary Sponsor** | | | | | | | | **191,716** | **800,000** | **555,628** |
| 007001 Portuguese Science and Technology Foundation | 007001 Portuguese Science and Technology Foundation | 6938801 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 06/01/18 | 12/31/23 | 0 | 8,429,255 | 8,429,255 |
| | | 6939482 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Newman /Dava J | 06/01/18 | 10/31/19 | 0 | 85,927 | 0 |
| | | 6939793 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 11/01/18 | 03/16/20 | 0 | 76,544 | 0 |
| | | 6939967 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/19 | 04/01/22 | 0 | 0 | 0 |
| | | 6939981 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/19 | 04/01/22 | 0 | 32,042 | 32,042 |
| | | 6939990 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/19 | 04/01/22 | 0 | 353,644 | (164) |
| | | 6939996 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/19 | 12/31/20 | 0 | 0 | 0 |
| | | 6940540 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Paradiso /Joseph A | 03/15/19 | 09/01/20 | 0 | 89,867 | (0) |
| | | 6940541 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Trancik /Jessika | 03/15/19 | 06/01/20 | 0 | 90,001 | 0 |
| | | 6940542 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Sclavounos /Paul D | 03/15/19 | 03/16/20 | 0 | 90,000 | 0 |
| | | 6940543 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Reynolds /Elisabeth Beck | 03/15/19 | 12/31/20 | 0 | 60,121 | 0 |
| | | 6940544 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Olivetti /Elsa A | 03/15/19 | 12/31/20 | 0 | 88,173 | 0 |
| | | 6940545 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Mueller /Stefanie | 03/15/19 | 03/16/20 | (4,462) | 90,000 | 0 |
| | | 6940546 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Botterud /Audun | 03/15/19 | 12/31/20 | 0 | 90,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940547 | C | P061099 | AGMT EFFECTIVE 6/1/18 | de Weck /Olivier L | 03/15/19 | 09/01/20 | 0 | 84,937 | 0 |
| | | 6940548 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Entekhabi /Dara | 03/15/19 | 03/16/20 | 0 | 89,996 | (0) |
| | | 6940549 | C | P061096 | UA-2018-272 | Masterson /Rebecca A | 03/15/19 | 01/17/22 | 0 | 89,842 | 0 |
| | | 6940550 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hart /Douglas | 03/15/19 | 09/01/20 | 0 | 90,006 | (0) |
| | | 6940551 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Boyle /Edward A | 03/15/19 | 03/16/20 | 0 | 89,953 | (0) |
| | | 6940585 | C | P031000 | AGMT EFFECTIVE 6/1/18 | Reinhart /Christoph | 04/01/19 | 12/31/23 | 58,287 | 360,000 | 91,444 |
| | | 6940586 | C | P065004 | AGMT EFFECTIVE 6/1/18 | Hart /Anastasios John | 04/01/19 | 12/31/23 | 20,101 | 360,000 | 128,289 |
| | | 6941137 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 06/28/19 | 12/31/24 | 0 | 137,529 | 137,529 |
| | | 6941334 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 08/01/19 | 12/31/23 | 0 | 367,500 | 367,500 |
| | | 6942242 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/20 | 12/31/23 | 0 | 0 | 0 |
| | | 6942266 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/20 | 12/31/23 | 0 | 386,180 | 70,467 |
| | | 6942393 | C | P061099 | AGMT EFFECTIVE 6/1/18 | de Weck /Olivier L | 01/01/20 | 09/01/20 | 0 | 5,063 | 0 |
| | | 6942409 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/20 | 12/31/22 | 0 | 17,270 | 17,270 |
| | | 6942736 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 03/01/20 | 12/31/23 | 0 | 13,177 | 13,177 |
| | | 6942768 | C | P061901 | AGMT EFFECTIVE 6/1/18 | Edelman /Elazer R | 03/01/20 | 03/01/23 | 153,667 | 330,000 | 134,601 |
| | | 6942769 | C | P069400 | AGMT EFFECTIVE 6/1/18 | Rhodes /Donna H | 03/01/20 | 03/01/23 | 419,639 | 900,000 | 350,307 |
| | | 6942770 | C | P267200 | AGMT EFFECTIVE 6/1/18 | Medard /Muriel | 03/01/20 | 03/01/23 | 181,384 | 800,000 | 183,628 |
| | | 6942782 | C | P031000 | AGMT EFFECTIVE 6/1/18 | Reinhart /Christoph | 03/01/20 | 03/01/23 | 266,113 | 450,000 | 129,885 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942783 | C | P068100 | AGMT EFFECTIVE 6/1/18 | Trancik /Jessika | 03/01/20 | 03/01/23 | 135,214 | 450,000 | 88,764 |
| | | 6942917 | C | P061093 | AGMT EFFECTIVE 6/1/18 | de Weck /Olivier L | 03/01/20 | 12/31/23 | 90,679 | 230,000 | 82,161 |
| | | 6943261 | C | P153000 | AGMT EFFECTIVE 6/1/18 | Boyle /Edward A | 09/01/20 | 10/31/21 | 61,538 | 88,664 | 0 |
| | | 6943262 | C | P069500 | AGMT EFFECTIVE 6/1/18 | Coughlin /Joseph F | 09/01/20 | 12/31/21 | 82,673 | 89,935 | 0 |
| | | 6943263 | C | P061093 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 06/01/20 | 12/31/22 | 72,465 | 90,000 | 2,517 |
| | | 6943264 | C | P065004 | AGMT EFFECTIVE 6/1/18 | Hart /Douglas | 06/01/20 | 08/31/21 | 0 | 76,180 | 0 |
| | | 6943265 | C | P065004 | AGMT EFFECTIVE 6/1/18 | Hart /Anastasios John | 06/01/20 | 12/31/21 | 6,625 | 90,000 | (0) |
| | | 6943266 | C | P061093 | AGMT EFFECTIVE 6/1/18 | Hastings /Daniel E | 06/01/20 | 08/31/22 | 15,902 | 180,000 | 82,247 |
| | | 6943267 | C | P068700 | AGMT EFFECTIVE 6/1/18 | Ilic /Marija | 06/01/20 | 12/31/21 | 75,233 | 90,000 | (33) |
| | | 6943268 | C | P067952 | AGMT EFFECTIVE 6/1/18 | Leonard /John J | 09/01/20 | 08/31/21 | 6,109 | 89,659 | 0 |
| | | 6943269 | C | P065005 | AGMT EFFECTIVE 6/1/18 | Lermusiaux /Pierre | 09/01/20 | 12/31/21 | 33,614 | 90,000 | 3,333 |
| | | 6943270 | C | P061096 | AGMT EFFECTIVE 6/1/18 | Linares /Richard | 06/01/20 | 08/31/21 | 74,895 | 90,000 | (0) |
| | | 6943271 | C | P067952 | AGMT EFFECTIVE 6/1/18 | Mueller /Stefanie | 06/01/20 | 08/31/21 | 23,587 | 88,292 | (0) |
| | | 6943272 | C | P061093 | AGMT EFFECTIVE 6/1/18 | Peraire /Jaime | 06/01/20 | 08/31/22 | 26,377 | 90,000 | 36,617 |
| | | 6943273 | C | P267200 | AGMT EFFECTIVE 6/1/18 | Shao-Horn /Yang | 06/01/20 | 12/31/21 | 62,918 | 90,000 | 0 |
| | | 6943274 | C | P068100 | AGMT EFFECTIVE 6/1/18 | Trancik /Jessika | 06/01/20 | 08/31/22 | 81,300 | 180,000 | 20,558 |
| | | 6943275 | C | P035000 | AGMT EFFECTIVE 6/1/18 | Zheng /Siqi | 06/01/20 | 08/31/22 | 25,973 | 90,000 | 2 |
| | | 6943627 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 08/01/20 | 12/31/23 | 0 | 1,898,857 | 1,898,857 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943979 | C | P060600 | AGMT EFFECTIVE 6/1/18 | Velasquez-Heller /Luis Fernand | 09/01/20 | 09/01/23 | 390,781 | 800,000 | 145,049 |
| | | 6943981 | C | P061096 | AGMT EFFECTIVE 6/1/18 | Linares /Richard | 09/01/20 | 09/01/23 | 99,675 | 297,424 | 186,030 |
| | | 6943982 | C | P065005 | AGMT EFFECTIVE 6/1/18 | Yang /Maria | 09/01/20 | 09/01/23 | 119,805 | 400,000 | 223,187 |
| | | 6943983 | C | P061098 | AGMT EFFECTIVE 6/1/18 | Newman /Dava J | 09/01/20 | 09/01/23 | 97,805 | 325,821 | 132,673 |
| | | 6943984 | C | P061097 | AGMT EFFECTIVE 6/1/18 | Cahoy /Kerri | 09/01/20 | 09/01/23 | 533,379 | 665,968 | (19,997) |
| | | 6943993 | C | P067952 | AGMT EFFECTIVE 6/1/18 | Matusik /Wojciech | 09/01/20 | 09/01/23 | 388,963 | 400,000 | 11,037 |
| | | 6944162 | C | P067952 | AGMT EFFECTIVE 6/1/18 | Leonard /John J | 10/01/20 | 10/01/23 | 224,336 | 400,000 | 23,220 |
| | | 6944165 | C | P061098 | AGMT EFFECTIVE 6/1/18 | Newman /Dava J | 10/01/20 | 10/01/23 | 41,028 | 200,000 | 139,542 |
| | | 6944336 | C | P065004 | AGMT EFFECTIVE 6/1/18 | Hart /Douglas | 10/01/20 | 10/01/23 | 53,770 | 413,820 | 338,514 |
| | | 6944344 | C | P061093 | AGMT EFFECTIVE 6/1/18 | de Weck /Olivier L | 11/01/20 | 11/01/23 | 68,472 | 200,000 | 78,219 |
| | | 6944355 | C | P065005 | AGMT EFFECTIVE 6/1/18 | Lermusiaux /Pierre | 11/01/20 | 11/01/23 | 131,203 | 400,000 | 256,539 |
| | | 6944578 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/21 | 12/31/23 | (151) | 0 | 3 |
| | | 6944601 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 01/01/21 | 12/31/23 | 160,176 | 315,000 | 83,233 |
| | | 6944897 | C | P061099 | AGMT EFFECTIVE 6/1/18 | Hansman /Robert J | 06/01/21 | 12/31/23 | 0 | 0 | 0 |
| | | 6945366 | C | P035000 | AGMT EFFECTIVE 6/1/18 | Knox /Janelle K | 09/01/21 | 08/31/22 | 6,730 | 90,000 | 83,270 |
| | | 6945367 | C | P066000 | AGMT EFFECTIVE 6/1/18 | Tasan /Cemal | 06/01/21 | 08/31/22 | 66,623 | 90,000 | 18,707 |
| | | 6945368 | C | P061094 | AGMT EFFECTIVE 6/1/18 | Guerra Garcia /Carmen | 09/01/21 | 08/31/22 | 81,116 | 90,000 | 8,884 |
| | | 6945369 | C | P068700 | AGMT EFFECTIVE 6/1/18 | Ilic /Marija | 09/01/21 | 08/31/22 | 86,267 | 90,000 | 3,733 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945370 | C | P065005 | AGMT EFFECTIVE 6/1/18 | McKinley /Gareth H | 09/01/21 | 08/31/22 | 27,574 | 90,000 | 62,426 |
| | | 6945371 | C | P067962 | AGMT EFFECTIVE 6/1/18 | Mueller /Stefanie | 06/01/21 | 08/31/22 | 47,649 | 45,000 | (2,649) |
| | | 6945372 | C | P065005 | AGMT EFFECTIVE 6/1/18 | Sclavounos /Paul D | 09/01/21 | 08/31/22 | 23,095 | 90,000 | 66,905 |
| | | 6945373 | C | P063007 | AGMT EFFECTIVE 6/1/18 | Entekhabi /Dara | 09/01/21 | 08/31/22 | 0 | 90,000 | 90,000 |
| | | 6945374 | C | P062000 | AGMT EFFECTIVE 6/1/18 | Green /William H | 09/01/21 | 08/31/22 | 42,469 | 90,000 | 47,531 |
| | | 6945375 | C | P031000 | AGMT EFFECTIVE 6/1/18 | Mueller /Caitlin Tobin | 06/01/21 | 08/31/22 | 70,352 | 90,000 | 14,354 |
| | | 6945880 | C | P033000 | AGMT EFFECTIVE 6/1/18 | Zheng /Siqi | 09/01/21 | 08/31/22 | 59,589 | 90,000 | 30,411 |
| | | 6945950 | C | P065005 | AGMT EFFECTIVE 6/1/18 | Wallace /David | 06/01/21 | 08/31/22 | 31 | 45,000 | 44,969 |
| | | 6946371 | C | P061097 | AGMT EFFECTIVE 6/1/18 | Cahoy /Kerri | 01/01/21 | 06/30/22 | 1,983 | 70,110 | 68,127 |
| | **Total by Primary Sponsor** | | | | | | | | **4,792,549** | **24,116,756** | **14,434,169** |
| 007016 BP Technology Ventures Inc. | 007016 BP Technology Ventures Inc. | 6922659 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Armstrong /Robert C | 09/01/10 | 08/31/17 | 0 | 100,148 | 100,148 |
| | | 6922660 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Dinca /Mircea | 09/01/10 | 08/31/12 | 0 | 200,000 | 0 |
| | | 6922661 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Strano /Michael S. | 09/01/10 | 08/31/12 | 0 | 199,884 | (0) |
| | | 6924822 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Braatz /Richard D | 09/01/11 | 08/31/13 | 0 | 200,000 | 0 |
| | | 6924847 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Grossman /Jeffrey C. | 09/01/11 | 08/31/13 | 0 | 200,000 | (0) |
| | | 6924979 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Stocker /Roman | 09/01/11 | 08/31/14 | 0 | 199,997 | (0) |
| | | 6926844 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Van Vliet /Krystyn J | 09/01/12 | 08/31/14 | 0 | 199,984 | 0 |
| | | 6928218 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Strano /Michael S. | 01/01/13 | 12/31/14 | 0 | 100,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929059 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Varanasi /Kripa | 01/01/14 | 12/31/15 | 0 | 199,987 | (0) |
| | | 6929125 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. | Ghoniem /Ahmed F | 10/01/13 | 09/30/15 | 0 | 200,000 | 0 |
| | | 6930078 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Braatz /Richard D | 09/01/14 | 08/31/17 | 0 | 300,000 | 0 |
| | | 6930939 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Ghoniem /Ahmed F | 09/01/14 | 08/31/15 | 0 | 60,000 | (0) |
| | | 6933397 | C | P320000 | BP MITEI FOUNDING MEMBER AGT. 1/1/08 | Braatz /Richard D | 12/31/15 | 12/31/17 | 0 | 100,000 | 0 |
| | | 6940571 | C | P320000 | AGMT. DTD. 04/15/2019 | Ghoniem /Ahmed F | 04/15/19 | 01/15/22 | 87,703 | 122,024 | 0 |
| | | 6942286 | C | P320000 | AGMT. DTD. 04/15/2019 | Ghoniem /Ahmed F | 12/01/19 | 01/15/22 | 1,185 | 41,389 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **88,888** | **2,423,413** | **100,148** |
| 007055 The Hartford Fire Insurance Company | 007055 The Hartford Fir | 6917779 | C | P069501 | AGMT. DTD. 2/9/07 | Coughlin /Joseph F | 02/09/07 | 09/30/22 | 140,269 | 5,292,394 | 1,030,919 |
| | **Total by Primary Sponsor** | | | | | | | | **140,269** | **5,292,394** | **1,030,919** |
| 007081 Alnylam Pharmaceuticals | 007081 Alnylam Pharmaceuticals | 6944655 | C | P159300 | PO# 4530004439/ AGMT SIGNED 12/17/20 | Bear /Mark | 02/01/21 | 07/31/22 | 76,930 | 193,431 | 63,727 |
| | **Total by Primary Sponsor** | | | | | | | | **76,930** | **193,431** | **63,727** |
| 007097 Toyota Motor Engineering & Manufacturing North America, Inc | 007097 Toyota Motor Engineering & Manufacturing North America, Inc. | 6944862 | C | P069500 | PO# 4502710453 | Coughlin /Joseph F | 12/01/20 | 02/28/23 | 247,436 | 410,000 | 100,169 |
| | | 6946923 | C | P069500 | AGMT DTD. 1/20/22 | Coughlin /Joseph F | 03/31/22 | 08/31/23 | 59,606 | 450,000 | 390,394 |
| | **Total by Primary Sponsor** | | | | | | | | **307,042** | **860,000** | **490,563** |
| 007110 Portland Cement Association | 007110 Portland Cemer Association | 6920804 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 08/31/19 | 0 | 2,499,999 | (0) |
| | | 6920808 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 02/28/12 | 0 | 750,000 | (0) |
| | | 6921166 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 08/31/14 | 0 | 1,875,000 | (0) |
| | | 6924983 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/11 | 08/31/14 | 0 | 1,125,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6930773 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/14 | 08/31/24 | 1,579,578 | 4,375,022 | 163,794 |
| | | 6930776 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/14 | 08/31/19 | 0 | 2,220,787 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **1,579,578** | **12,845,809** | **163,794** |
| 007115 Naval Postgraduate School | 007115 Naval Postgraduate School | 6941298 | C | P069400 | HQ00341910002 | Rhodes /Donna H | 07/22/19 | 08/31/21 | 12,811 | 119,778 | 0 |
| | | 6943399 | C | P069400 | HQ00342010008 | Rhodes /Donna H | 05/22/20 | 07/31/21 | (3,992) | 119,967 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **8,819** | **239,745** | **0** |
| 007158 Netherlands Organization for Scientific Research | 102242 Wageningen University | 6937662 | C | P097500 | FILE NO. 15814 | Oye /Kenneth A | 12/01/17 | 03/31/22 | 37,441 | 113,742 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **37,441** | **113,742** | **(0)** |
| 007199 KAUST Global Research Partnership | 007199 KAUST Global Research Partnership | 6942588 | C | P068700 | OSR-2015-SENSORS-2700 | Win /Moe Z | 07/01/19 | 06/30/20 | (492) | 83,758 | 0 |
| | | 6943276 | C | P062000 | OSR-2015-SENSORS-2700 | Strano /Michael S. | 07/01/20 | 12/31/20 | (0) | 55,176 | (0) |
| | | 6944134 | C | P068700 | OSR-2015-SENSORS-2700 | Win /Moe Z | 07/01/20 | 12/31/20 | (2,979) | 91,108 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(3,471)** | **230,042** | **(0)** |
| 007207 Douglas B. Marshall Jr. Family Foundation | 007207 Douglas B. Marshall Jr. Family Foundation | 6940135 | C | P091020 | LTR DTD. 11/15/18 | Banerjee /Abhijit | 12/01/18 | 02/01/24 | 4,591 | 0 | (342,840) |
| | | 6940847 | C | P091020 | LTR DTD. 11/15/18 | Banerjee /Abhijit | 12/01/18 | 02/01/24 | 241,021 | 693,653 | 27,700 |
| | | 6940848 | C | P091020 | LTR DTD. 11/15/18 | Banerjee /Abhijit | 12/01/18 | 02/01/24 | 0 | 506,347 | 486,224 |
| | | 6943546 | C | P091020 | LTR. DATED 06/22/2020 | Duflo /Esther | 05/15/20 | 05/01/26 | 32,781 | 900,000 | 737,209 |
| | | 6943593 | C | P091020 | LTR. DATED 06/22/2020 | Duflo /Esther | 05/15/20 | 05/01/26 | 133,694 | 200,000 | 8,652 |
| | | 6943594 | C | P091020 | LTR. DATED 06/22/2020 | Banerjee /Abhijit | 05/15/20 | 05/01/26 | 167,742 | 300,000 | 26,393 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **579,831** | **2,600,000** | **943,337** |
| 007248 The Glenn Foundation for Medical Research | 007248 The Glenn Foundation for Medical Research | 6935709 | C | P151015 | LETTER DATED 1/22/2017 | Guarente /Leonard Pershing | 01/22/17 | 10/31/22 | 0 | 64,663 | 59,328 |
| | | 6935776 | C | P151015 | LETTER DATED 1/22/2017 | Guarente /Leonard Pershing | 01/22/17 | 10/31/22 | 224,155 | 1,400,000 | (71,350) |
| | | 6935777 | C | P151015 | LETTER DATED 1/22/2017 | Amon /Angelika B | 01/22/17 | 10/31/22 | 136,909 | 1,185,337 | 17,187 |
| | | 6935778 | C | P151015 | LETTER DATED 1/22/2017 | Tsai /Li-Huei | 01/22/17 | 10/31/21 | 171,605 | 1,150,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **532,670** | **3,800,000** | **5,166** |
| 007288 King Fahd University of Petroleum and Minerals | 007288 King Fahd University of Petroleum and Minerals | 6942500 | C | P063007 | CPG-17-0250 | Juanes /Ruben | 02/01/20 | 12/31/21 | 104,503 | 817,832 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **104,503** | **817,832** | **(0)** |
| 007300 Russell Sage Foundation | 005936 George Washington University | 6947241 | C | P095500 | 22-S06 | Magazinnik /Asya | 12/01/20 | 05/31/22 | 0 | 21,719 | 21,719 |
| | 007300 Russell Sage Foundation | 6935951 | C | P035000 | 85-17-05 | Levy /Frank | 03/01/17 | 06/30/21 | 822 | 7,350 | 0 |
| | | 6942255 | C | P121400 | 1905-15012 | Wilmers /Nathan Eric | 12/01/19 | 11/30/21 | (57) | 21,641 | 0 |
| | | 6943441 | C | P095500 | 1908-17912 | Kim /In Song | 07/01/20 | 06/30/23 | 0 | 50,000 | 28,052 |
| | | 6943690 | C | P091000 | 2003-22443 | Banerjee /Abhijit | 07/01/20 | 06/30/21 | (50) | 90 | 0 |
| | | 6947857 | C | P121400 | 2111-34876 | Wilmers /Nathan Eric | 08/01/22 | 07/31/24 | 0 | 15,250 | 15,250 |
| | 007621 University of Denver | 6945995 | C | P095500 | SC38146-02-00/PO172418 | White /Ariel R. | 04/01/21 | 03/31/22 | 17,549 | 18,213 | 664 |
| | **Total by Primary Sponsor** | | | | | | | | **18,264** | **134,263** | **65,684** |
| 007343 The Simons Foundatio | 005505 College of William & Mary | 6947138 | C | P063007 | 13953 | Kroll /Jesse | 03/21/22 | 04/15/22 | 5,686 | 5,842 | 156 |
| | 006120 Harvard University | 6947756 | C | P153000 | 272024-5123180 | Seager /Sara | 01/16/22 | 05/31/22 | 15,645 | 16,223 | 578 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 006570 Massachusetts General Hospital | 6947442 | C | P039000 | AGREEMENT #877751; #240177 | Maes /Patricia | 11/01/21 | 10/31/22 | 1,492 | 80,833 | 79,341 |
| | 006875 Northeastern University | 6947622 | C | P154500 | 508494-78050 | Sinha /Pawan | 07/01/21 | 06/30/22 | 32,501 | 32,500 | (1) |
| | 007343 The Simons Foundation | 6925173 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 12/31/22 | 240,957 | 1,254,156 | 258,833 |
| | | 6925362 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 12/31/22 | 72,141 | 2,318,133 | 497,194 |
| | | 6925363 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 08/31/14 | 0 | 32,788 | 0 |
| | | 6925364 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 08/31/14 | 0 | 800,151 | 0 |
| | | 6925366 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 02/28/18 | 0 | 0 | 0 |
| | | 6925367 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 07/31/15 | 0 | 159,371 | (0) |
| | | 6925368 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 12/31/22 | 34,853 | 600,000 | 143,473 |
| | | 6925369 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 06/30/19 | 0 | 11,283 | 0 |
| | | 6925880 | C | P154501 | AGREEMENT DATED 11-21-11 | Berger Leighton /Bonnie | 07/01/12 | 12/31/13 | 0 | 120,000 | (0) |
| | | 6925881 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 07/01/12 | 04/30/14 | 0 | 120,539 | 0 |
| | | 6925935 | C | P154501 | AGREEMENT DATED 11-21-11 | Silbey /Susan S | 08/01/12 | 04/30/14 | 0 | 61,392 | 0 |
| | | 6925936 | C | P154501 | AGREEMENT DATED 11-21-11 | Graybiel /Ann M | 07/01/12 | 06/30/13 | 0 | 116,859 | 0 |
| | | 6926004 | C | P154501 | AGREEMENT DATED 11-21-11 | Schulz /Laura E | 06/01/12 | 05/31/14 | 0 | 63,261 | (0) |
| | | 6926157 | C | P154501 | AGREEMENT DATED 11-21-11 | Seung /H. Sebastian | 07/01/12 | 06/30/14 | 0 | 48,568 | 0 |
| | | 6926747 | C | P154501 | AGREEMENT DATED 11-21-11 | Szolovits /Peter | 11/01/12 | 06/30/14 | 0 | 106,419 | 0 |
| | | 6926748 | C | P154501 | AGREEMENT DATED 11-21-11 | Picard /Rosalind W. | 11/01/12 | 10/31/14 | 0 | 59,826 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6926749 | C | P154501 | AGREEMENT DATED 11-21-11 | Constantine-Paton /Martha | 11/01/12 | 10/31/14 | 0 | 120,000 | 0 |
| | | 6926750 | C | P154501 | AGREEMENT DATED 11-21-11 | Zhang /Feng | 11/01/12 | 11/30/14 | 0 | 119,760 | 0 |
| | | 6926754 | C | P154501 | AGREEMENT DATED 11-21-11 | Littleton /J. Troy | 11/01/12 | 10/31/13 | 0 | 120,000 | (0) |
| | | 6926790 | C | P154501 | AGREEMENT DATED 11-21-11 | Sinha /Pawan | 11/01/12 | 10/31/14 | 0 | 54,185 | 0 |
| | | 6926840 | C | P154501 | AGREEMENT DATED 11-21-11 | Gabrieli /John D. E. | 11/01/12 | 10/31/14 | 0 | 6,847 | 0 |
| | | 6927481 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 02/01/13 | 07/31/16 | 0 | 575,000 | 0 |
| | | 6927482 | C | P154501 | AGREEMENT DATED 11-21-11 | Feng /Guoping | 02/01/13 | 01/31/16 | 0 | 598,835 | 0 |
| | | 6927483 | C | P154501 | AGREEMENT DATED 11-21-11 | Littleton /J. Troy | 02/01/13 | 07/31/16 | 0 | 504,000 | (0) |
| | | 6927730 | C | P154501 | AGREEMENT DATED 11-21-11 | Kanwisher /Nancy | 04/01/13 | 09/30/16 | 0 | 425,289 | 0 |
| | | 6927744 | C | P154501 | AGREEMENT DATED 11-21-11 | Poggio /Tomaso A | 05/15/13 | 10/31/14 | 0 | 103,477 | 0 |
| | | 6927745 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 06/01/13 | 11/30/15 | 0 | 200,955 | 0 |
| | | 6927746 | C | P154501 | AGREEMENT DATED 11-21-11 | Jasanoff /Alan Pradip | 02/01/13 | 03/31/14 | 0 | 59,582 | (0) |
| | | 6927749 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/13 | 12/31/22 | 0 | 1,257,103 | 0 |
| | | 6927750 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/13 | 12/31/16 | 0 | 533,367 | 0 |
| | | 6927946 | C | P154501 | AGREEMENT DATED 11-21-11 | Bear /Mark | 05/01/13 | 04/30/14 | 0 | 120,000 | (0) |
| | | 6928636 | C | P154501 | AGREEMENT DATED 11-21-11 | Edelman /Alan | 01/01/14 | 02/28/15 | 0 | 79,075 | 0 |
| | | 6928896 | C | P154501 | AGREEMENT DATED 11-21-11 | Tannenbaum /Steven R | 11/01/13 | 11/30/14 | 0 | 108,000 | (0) |
| | | 6928897 | C | P154501 | AGREEMENT DATED 11-21-11 | Sinha /Pawan | 11/01/13 | 04/30/15 | 0 | 117,600 | 0 |
| | | 6928900 | C | P154501 | AGREEMENT DATED 11-21-11 | Choi /Bohyun Gloria | 12/01/13 | 11/30/15 | 0 | 121,256 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928994 | C | P154501 | AGREEMENT DATED 11-21-11 | Wickersham /Ian R. | 12/01/13 | 05/30/16 | 0 | 120,000 | 0 |
| | | 6928995 | C | P154501 | AGREEMENT DATED 11-21-11 | Boyden /Edward | 11/01/13 | 10/31/14 | 0 | 12,000 | 0 |
| | | 6929022 | C | P154501 | AGREEMENT DATED 11-21-11 | Tsai /Li-Huei | 11/01/13 | 10/31/14 | 0 | 120,000 | 0 |
| | | 6929253 | C | P154501 | AGREEMENT DATED 11-21-11 | Regev /Aviv | 12/01/13 | 11/30/14 | 0 | 59,976 | 0 |
| | | 6929370 | C | P154501 | AGREEMENT DATED 11-21-11 | Whitfield-Gabrieli /Susan | 12/01/13 | 11/30/15 | 0 | 13,614 | 0 |
| | | 6929681 | C | P154501 | AGREEMENT DATED 11-21-11 | Fee /Michale Sean | 05/01/14 | 10/31/15 | 0 | 119,497 | 0 |
| | | 6929682 | C | P154501 | AGREEMENT DATED 11-21-11 | Van Vliet /Krystyn J | 06/01/14 | 07/31/15 | 0 | 65,741 | (0) |
| | | 6930377 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 07/01/14 | 12/31/16 | 0 | 195,151 | (0) |
| | | 6930621 | C | P154501 | AGREEMENT DATED 11-21-11 | Bear /Mark | 09/01/14 | 06/30/16 | 0 | 263,821 | 0 |
| | | 6931133 | C | P154501 | AGREEMENT DATED 11-21-11 | Blainey /Paul C | 11/01/14 | 06/30/16 | 0 | 119,600 | 0 |
| | | 6931160 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 01/01/12 | 12/31/16 | 0 | 17,551 | (0) |
| | | 6931161 | C | P154501 | AGREEMENT DATED 11-21-11 | Jasanoff /Alan Pradip | 11/01/14 | 10/31/16 | 0 | 239,272 | 0 |
| | | 6931466 | C | P154501 | AGREEMENT DATED 11-21-11 | Fedorenko /Evelina G | 01/01/12 | 06/30/17 | 0 | 457,031 | 0 |
| | | 6931527 | C | P154501 | AGREEMENT DATED 11-21-11 | Gibson /Edward A | 01/01/15 | 12/31/17 | 0 | 234,818 | 0 |
| | | 6931582 | C | P154501 | AGREEMENT DATED 11-21-11 | Schulz /Laura E | 01/01/15 | 06/30/17 | 0 | 264,944 | 0 |
| | | 6931802 | C | P154501 | AGREEMENT DATED 11-21-11 | Robertson /Caroline | 04/01/15 | 09/30/16 | 0 | 120,000 | (0) |
| | | 6931810 | C | P154501 | AGREEMENT DATED 11-21-11 | Sinha /Pawan | 05/01/15 | 10/31/16 | 0 | 70,026 | 0 |
| | | 6932168 | C | P154501 | AWD DATE 06/01/2015 | Feng /Guoping | 06/01/15 | 08/31/17 | 0 | 237,706 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933200 | C | P154501 | AGREEMENT DATED 11-21-11 | Choi /Bohyun Gloria | 12/01/15 | 11/30/16 | 0 | 89,628 | 0 |
| | | 6933201 | C | P154501 | AGREEMENT DATED 11-21-11 | Saxe /Rebecca R | 12/01/15 | 11/30/16 | 0 | 103,967 | (0) |
| | | 6933203 | C | P154501 | AGREEMENT DATED 11-21-11 | Saxe /Rebecca R | 11/01/15 | 01/31/17 | 0 | 144,855 | 0 |
| | | 6933398 | C | P154501 | AGREEMENT DATED 11-21-11 | Lin /Yingxi | 11/01/15 | 10/31/16 | 0 | 240,000 | 0 |
| | | 6933411 | C | P154501 | AGREEMENT DATED 11-21-11 | Picard /Rosalind W. | 01/01/16 | 06/30/17 | 0 | 38,608 | (0) |
| | | 6933412 | C | P154501 | AGREEMENT DATED 11-21-11 | Sapsis /Themistoklis Panagioti | 10/01/15 | 05/31/17 | 0 | 40,410 | (0) |
| | | 6933929 | C | P154501 | AGREEMENT DATED 11-21-11 | White /Forest M | 05/01/16 | 04/30/17 | 0 | 107,125 | 0 |
| | | 6933930 | C | P154501 | AGREEMENT DATED 11-21-11 | Tsai /Li-Huei | 05/01/16 | 04/30/17 | 0 | 72,000 | (0) |
| | | 6933931 | C | P154501 | AGREEMENT DATED 11-21-11 | Strano /Michael S. | 06/01/16 | 05/31/17 | 0 | 90,000 | 0 |
| | | 6933932 | C | P154501 | AGREEMENT DATED 11-21-11 | Brown /Emery Neal | 06/01/16 | 02/28/18 | 0 | 90,000 | (0) |
| | | 6933933 | C | P154501 | AGREEMENT DATED 11-21-11 | Fedorenko /Evelina G | 05/01/16 | 04/01/18 | 0 | 80,539 | 0 |
| | | 6933934 | C | P154501 | AGREEMENT DATED 11-21-11 | Saxe /Rebecca R | 05/01/16 | 08/31/17 | 0 | 27,024 | 0 |
| | | 6934047 | C | P154501 | AGREEMENT DATED 11-21-11 | Picard /Rosalind W. | 05/01/16 | 04/30/18 | 0 | 90,168 | 0 |
| | | 6935125 | C | P154501 | AGREEMENT DATED 11-21-11 | Wilson /Matthew A | 11/01/16 | 10/31/17 | 0 | 50,977 | 0 |
| | | 6935126 | C | P154501 | AGREEMENT DATED 11-21-11 | Feng /Guoping | 11/01/16 | 10/31/17 | 0 | 59,998 | (0) |
| | | 6935304 | C | P154501 | AGREEMENT DATED 11-21-11 | Jasanoff /Alan Pradip | 12/01/16 | 01/31/19 | 0 | 106,208 | 0 |
| | | 6935462 | C | P154502 | AGREEMENT DATED 11/4/16 | Sur /Mriganka | 01/01/17 | 03/31/24 | 0 | 1,290,886 | 1,290,886 |
| | | 6935469 | C | P154502 | AGREEMENT DATED 11/4/16 | Sur /Mriganka | 01/01/17 | 12/31/22 | 223,846 | 1,065,746 | (25,823) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935470 | C | P154502 | AGREEMENT DATED 11/4/16 | Sur /Mriganka | 01/01/17 | 12/31/22 | 0 | 0 | 0 |
| | | 6935471 | C | P154502 | AGREEMENT DATED 11/4/16 | Wilson /Matthew A | 01/01/17 | 10/31/19 | 0 | 669,023 | 0 |
| | | 6935472 | C | P154502 | AGREEMENT DATED 11/4/16 | Feng /Guoping | 01/01/17 | 10/31/19 | 0 | 659,114 | 0 |
| | | 6936120 | C | P154502 | AGREEMENT DATED 11/4/16 | Fedorenko /Evelina G | 01/01/17 | 03/31/18 | 0 | 251,024 | 0 |
| | | 6936121 | C | P154502 | AGREEMENT DATED 11/4/16 | Gibson /Edward A | 01/01/17 | 06/30/18 | 0 | 187,602 | (0) |
| | | 6936122 | C | P154502 | AGREEMENT DATED 11/4/16 | Schulz /Laura E | 01/01/17 | 03/31/18 | 0 | 122,283 | (0) |
| | | 6936338 | C | P158000 | AWARD ID: 542385 | Gore /Jeff | 05/01/17 | 04/30/22 | 96,410 | 675,067 | 49,177 |
| | | 6936364 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 05/01/17 | 04/30/22 | 0 | 290,292 | (0) |
| | | 6936673 | C | P400600 | 542965 | DiCarlo /James | 07/01/17 | 06/30/22 | 0 | 0 | 0 |
| | | 6936674 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/17 | 06/30/23 | 0 | 2,760 | 2,760 |
| | | 6936679 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/17 | 09/30/22 | 0 | 0 | 0 |
| | | 6936803 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/17 | 06/30/18 | 0 | 197,686 | 0 |
| | | 6936804 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/17 | 09/30/18 | 0 | 248,435 | 0 |
| | | 6936847 | C | P154000 | 550033 | Sutherland /Andrew Victor | 09/01/17 | 08/31/22 | 0 | 307,884 | (0) |
| | | 6937042 | C | P400600 | 542965 | DiCarlo /James | 07/01/17 | 06/30/18 | 0 | 240,365 | 0 |
| | | 6937100 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/17 | 06/30/22 | 0 | 8,299 | 8,299 |
| | | 6937101 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/17 | 06/30/18 | 0 | 170,158 | 0 |
| | | 6937102 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/18 | 06/30/19 | 0 | 522,712 | 0 |
| | | 6937103 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/19 | 06/30/20 | 0 | 819,003 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937104 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/20 | 06/30/21 | 2,573 | 1,116,674 | (0) |
| | | 6937156 | C | P158000 | AWARD ID: 547335 | Harlow /Daniel L. | 09/01/17 | 08/31/22 | 119,634 | 520,000 | 30,180 |
| | | 6937299 | C | P153000 | AWARD ID 549931 | Follows /Michael J | 07/01/21 | 06/30/22 | 922,115 | 1,551,057 | 628,943 |
| | | 6937881 | C | P402000 | 572792 | Manalis /Scott R | 10/01/17 | 09/30/22 | 0 | 208,814 | 208,814 |
| | | 6937882 | C | P063007 | 572792 | Polz /Martin F | 10/01/17 | 09/30/18 | (4,984) | 319,633 | (0) |
| | | 6938044 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/18 | 04/30/23 | 0 | 0 | 0 |
| | | 6938116 | C | P154502 | AGREEMENT DATED 11/4/16 | Halassa /Michael | 02/01/18 | 07/31/20 | 0 | 480,000 | (0) |
| | | 6938145 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/18 | 04/30/19 | 0 | 381,598 | 0 |
| | | 6938360 | C | P154502 | AGREEMENT DATED 11/4/16 | Sur /Mriganka | 04/01/18 | 03/31/23 | 60,736 | 960,000 | 211,435 |
| | | 6938361 | C | P154502 | | Desimone /Robert | 04/01/18 | 03/31/22 | 179,847 | 960,000 | 0 |
| | | 6938362 | C | P154502 | | Jasanoff /Alan Pradip | 04/01/18 | 05/31/22 | 142,441 | 720,000 | 228 |
| | | 6938363 | C | P154502 | | Graybiel /Ann M | 04/01/18 | 03/31/22 | 94,416 | 480,000 | (17,796) |
| | | 6938676 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 05/01/18 | 04/30/19 | 0 | 371,258 | (0) |
| | | 6939016 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/18 | 06/30/19 | 0 | 294,793 | (0) |
| | | 6939017 | C | P400600 | 542965 | DiCarlo /James | 07/01/18 | 06/30/19 | 0 | 251,719 | (0) |
| | | 6939210 | C | P154000 | 601948 | Jerison /David S | 08/01/18 | 08/31/22 | 0 | 83,412 | 0 |
| | | 6939376 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/19 | 04/30/20 | 0 | 436,249 | (0) |
| | | 6939377 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/20 | 04/30/21 | 0 | 355,143 | 0 |
| | | 6939378 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/21 | 04/30/22 | 331,963 | 450,000 | 39,325 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939379 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/22 | 04/30/23 | 80,217 | 400,000 | 319,783 |
| | | 6939571 | C | P154000 | 550033 | Sutherland /Andrew Victor | 09/01/18 | 08/31/19 | 0 | 818,117 | 0 |
| | | 6939572 | C | P154000 | 550033 | Sutherland /Andrew Victor | 09/01/19 | 08/31/20 | 0 | 1,100,950 | (0) |
| | | 6939573 | C | P154000 | 550033 | Sutherland /Andrew Victor | 09/01/20 | 08/31/21 | 285,004 | 952,134 | 0 |
| | | 6939765 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/18 | 09/30/19 | 0 | 251,565 | 0 |
| | | 6939795 | C | P063007 | 572792 | Polz /Martin F | 10/01/18 | 09/30/19 | (11,122) | 349,762 | (0) |
| | | 6940018 | C | P153000 | 290361FY18 | Summons /Roger E | 05/01/18 | 04/30/19 | 0 | 16,037 | 0 |
| | | 6940102 | C | P159300 | AWD 575135: MIT CORE 592380 | Bear /Mark | 10/01/18 | 09/30/22 | 57,201 | 512,572 | (0) |
| | | 6940145 | C | P154500 | 542979 | Fiete /Ila R | 08/01/18 | 06/30/22 | 25,679 | 959,070 | 726,747 |
| | | 6940371 | C | P154000 | 601948 | Jerison /David S | 09/01/19 | 08/31/20 | 0 | 103,632 | 0 |
| | | 6940372 | C | P154000 | 601948 | Jerison /David S | 09/01/20 | 08/31/21 | 33,769 | 55,845 | 0 |
| | | 6940373 | C | P154000 | 601948 | Jerison /David S | 09/01/21 | 08/31/22 | 37,703 | 356,703 | 319,000 |
| | | 6940406 | C | P153000 | 622065 | Babbin /Andrew R. | 04/01/19 | 03/31/23 | 0 | 14,651 | 14,651 |
| | | 6940502 | C | P153000 | 622065 | Babbin /Andrew R. | 04/01/19 | 03/31/20 | 0 | 142,341 | (0) |
| | | 6940581 | C | P153000 | 327126 | Bosak /Tanja | 07/01/19 | 06/30/22 | 0 | 151,174 | 151,174 |
| | | 6940601 | C | P153000 | 327126 | Bosak /Tanja | 07/01/19 | 06/30/20 | 0 | 387,903 | (0) |
| | | 6940602 | C | P153000 | 327126 | Bosak /Tanja | 07/01/20 | 06/30/21 | 4,172 | 190,662 | 0 |
| | | 6940603 | C | P153000 | 327126 | Bosak /Tanja | 07/01/21 | 06/30/22 | 265,661 | 299,849 | 34,188 |
| | | 6941103 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/19 | 06/30/20 | 0 | 216,954 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941104 | C | P400600 | 542965 | DiCarlo /James | 07/01/19 | 06/30/20 | 0 | 224,315 | 0 |
| | | 6941113 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 05/01/19 | 04/30/20 | 0 | 418,413 | (0) |
| | | 6941167 | C | P159300 | AWARD ID: 626851 | Choi /Bohyun Gloria | 08/01/19 | 07/31/23 | 348,426 | 812,500 | 50,911 |
| | | 6941324 | C | P158000 | 651446 | Todadri /Senthil | 09/01/19 | 08/31/23 | 155,115 | 389,068 | 30,822 |
| | | 6941400 | C | P154502 | AGREEMENT DATED 11/4/16 | Sinha /Pawan | 07/01/19 | 06/30/22 | 218,528 | 720,000 | 57,344 |
| | | 6941427 | C | P154502 | AGREEMENT DATED 11/4/16 | Gabrieli /John D. E. | 07/01/19 | 06/30/23 | 59,966 | 720,000 | 453,320 |
| | | 6941629 | C | P068100 | 622050 | Uhler /Caroline | 08/01/19 | 07/31/24 | 114,018 | 360,000 | 227,167 |
| | | 6941647 | C | P154000 | AWARD ID 651477 | Staffilani /Gigliola | 09/01/19 | 08/31/20 | 0 | 70,849 | 0 |
| | | 6941648 | C | P154000 | AWARD ID 651477 | Staffilani /Gigliola | 09/01/20 | 08/31/21 | 8,811 | 94,616 | 0 |
| | | 6941649 | C | P154000 | AWARD ID 651477 | Staffilani /Gigliola | 09/01/21 | 08/31/22 | 49,543 | 101,990 | 52,447 |
| | | 6941736 | C | P154000 | AWARD ID: 652299 | Seidel /Paul Alfred | 09/01/19 | 08/31/20 | 0 | 48,146 | (0) |
| | | 6941737 | C | P154000 | AWARD ID: 652299 | Seidel /Paul Alfred | 09/01/19 | 08/31/21 | 49,504 | 49,504 | 0 |
| | | 6941738 | C | P154000 | AWARD ID: 652299 | Seidel /Paul Alfred | 09/01/19 | 08/31/22 | 117,275 | 374,581 | 257,306 |
| | | 6941801 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/19 | 09/30/20 | 0 | 249,992 | (0) |
| | | 6942353 | C | P063007 | 572792 | Polz /Martin F | 10/01/19 | 09/30/20 | 0 | 128,931 | 0 |
| | | 6942681 | C | P153000 | 339603FY20 | Fournier /Gregory P. | 04/01/20 | 03/31/21 | 834 | 277,209 | 0 |
| | | 6942826 | C | P153000 | 622065 | Babbin /Andrew R. | 04/01/20 | 03/31/21 | 0 | 248,268 | 0 |
| | | 6943066 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 05/01/20 | 04/30/21 | 7,784 | 575,853 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943069 | C | P153000 | 622065 | Babbin /Andrew R. | 04/01/21 | 03/31/22 | 94,433 | 158,740 | (0) |
| | | 6943453 | C | P063007 | 721246 | Chisholm /Sallie W | 07/01/20 | 06/30/24 | 0 | 507,876 | 507,876 |
| | | 6943454 | C | P063007 | 721246 | Chisholm /Sallie W | 07/01/20 | 06/30/21 | 5,779 | 419,199 | (0) |
| | | 6943455 | C | P063007 | 721246 | Chisholm /Sallie W | 07/01/21 | 06/30/22 | 441,213 | 642,959 | 201,747 |
| | | 6943456 | C | P063007 | 721246 | Chisholm /Sallie W | 07/01/22 | 06/30/23 | 0 | 517,827 | 517,827 |
| | | 6943458 | C | P153000 | 721248 | Follows /Michael J | 07/01/20 | 06/30/24 | 0 | 1,196,133 | 1,196,133 |
| | | 6943459 | C | P153000 | 721248 | Follows /Michael J | 07/01/20 | 06/30/21 | (494) | 472,658 | (0) |
| | | 6943460 | C | P153000 | 721248 | Follows /Michael J | 07/01/21 | 06/30/22 | 814,714 | 997,525 | 182,811 |
| | | 6943544 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/20 | 06/30/21 | 17,629 | 246,595 | (0) |
| | | 6943600 | C | P068100 | 622050 | Dahleh /Munther A | 08/01/19 | 07/31/24 | 29,410 | 36,000 | 6,590 |
| | | 6943911 | C | P154000 | AWARD ID 708153 | Kac /Victor | 09/01/20 | 08/31/25 | 7,499 | 14,400 | 6,901 |
| | | 6943912 | C | P154000 | AWARD ID 708153 | Kac /Victor | 09/01/20 | 08/31/25 | 4,775 | 2,400 | (2,375) |
| | | 6944049 | C | P067952 | AWARD ID 733780 | Daskalakis /Konstantinos | 09/01/20 | 08/31/22 | 103,933 | 120,000 | (68,835) |
| | | 6944196 | C | P063007 | 337262FY20 | Chisholm /Sallie W | 08/01/20 | 07/31/22 | 71,621 | 267,708 | (0) |
| | | 6944243 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/20 | 09/30/21 | 49,642 | 250,009 | 20,097 |
| | | 6944252 | C | P400600 | 542965 | DiCarlo /James | 07/01/20 | 06/30/21 | 32,154 | 234,323 | (0) |
| | | 6944265 | C | P400600 | 542977SPI | Fee /Michale Sean | 10/01/21 | 09/30/22 | 216,920 | 250,000 | 33,080 |
| | | 6944267 | C | P400600 | 542965 | DiCarlo /James | 07/01/21 | 06/30/22 | 257,696 | 299,277 | 41,581 |
| | | 6944297 | C | P400600 | 542993SPI | Jazayeri /Mehrdad | 07/01/21 | 06/30/22 | 238,968 | 291,212 | 52,244 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944383 | C | P417000 | AWARD ID: 733688 | Johnson /Steven G | 09/01/20 | 08/31/22 | 155,429 | 260,000 | 46,845 |
| | | 6944464 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 12/01/20 | 11/30/21 | 20,055 | 25,000 | (1,303) |
| | | 6944479 | C | P063007 | 509034SCFY20 | Chisholm /Sallie W | 10/01/20 | 09/30/22 | 31,390 | 91,337 | 0 |
| | | 6945072 | C | P153000 | 339603FY20 | Fournier /Gregory P. | 04/01/21 | 03/31/22 | 216,950 | 372,691 | 93,127 |
| | | 6945188 | C | P153000 | AWARD ID: 827829 | Follows /Michael J | 12/01/20 | 11/30/23 | 92,343 | 155,914 | 47,485 |
| | | 6945244 | C | P063007 | 542383 | Cordero Sanchez /Otto X. | 05/01/21 | 06/30/22 | 560,039 | 645,850 | 30,237 |
| | | 6945436 | C | P153000 | GRANT #: 874698 | Summons /Roger E | 05/01/21 | 10/30/22 | (65,900) | 26,207 | 2,278 |
| | | 6945714 | C | P154000 | 550033 | Sutherland /Andrew Victor | 09/01/21 | 08/31/22 | 762,013 | 1,155,489 | 393,475 |
| | | 6945778 | C | P402000 | 572792 | Manalis /Scott R | 10/01/20 | 09/30/21 | 131,008 | 150,581 | 19,573 |
| | | 6945779 | C | P402000 | 572792 | Manalis /Scott R | 10/01/21 | 09/30/22 | 132,556 | 0 | (132,556) |
| | | 6945892 | C | P063007 | 337262FY20 | Chisholm /Sallie W | 08/01/21 | 07/31/22 | 231,679 | 473,986 | 242,308 |
| | | 6946067 | C | P154501 | AGREEMENT DATED 11-21-11 | Sur /Mriganka | 06/22/21 | 09/30/21 | 0 | 0 | 0 |
| | | 6946336 | C | P063007 | 509034SCFY20 | Chisholm /Sallie W | 10/01/21 | 09/30/22 | 47,654 | 196,655 | 149,001 |
| | | 6946704 | C | P154500 | 891836 | Tenenbaum /Joshua B | 10/01/21 | 09/30/22 | 0 | 120,000 | 120,000 |
| | | 6947180 | C | P153000 | 622065 | Babbin /Andrew R. | 04/01/22 | 03/31/23 | 30,737 | 60,000 | 29,263 |
| | | 6947198 | C | P153000 | GRANT #: 874698 | Summons /Roger E | 05/01/21 | 04/30/22 | 34,030 | 34,030 | 0 |
| | | 6947199 | C | P153000 | GRANT #: 874698 | Summons /Roger E | 05/01/21 | 04/30/22 | 45,885 | 45,885 | 0 |
| | | 6947200 | C | P153000 | GRANT #: 874698 | Summons /Roger E | 05/01/21 | 04/30/22 | 12,878 | 12,878 | 0 |
| | | 6947234 | C | P153000 | 339603FY20 | Fournier /Gregory P. | 04/01/22 | 03/31/23 | 58,576 | 295,488 | 236,912 |
| | | 6947341 | C | P154502 | AGREEMENT DATED 11/4/16 | Fedorenko /Evelina G | 04/01/22 | 03/31/23 | 0 | 150,000 | 150,000 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947342 | C | P154502 | AGREEMENT DATED 11/4/16 | Kanwisher /Nancy | 04/01/22 | 03/31/23 | 0 | 150,000 | 150,000 |
| | | 6947344 | C | P154502 | AGREEMENT DATED 11/4/16 | Gibson /Edward A | 04/01/22 | 03/31/23 | 0 | 120,000 | 120,000 |
| | | 6947345 | C | P154502 | AGREEMENT DATED 11/4/16 | Saxe /Rebecca R | 04/01/22 | 03/31/23 | 1,830 | 150,000 | 148,170 |
| | | 6947346 | C | P154502 | AGREEMENT DATED 11/4/16 | Tenenbaum /Joshua B | 04/01/22 | 03/31/23 | 182 | 120,000 | 119,818 |
| | | 6947481 | C | P063007 | 542383FY22 | Cordero Sanchez /Otto X. | 05/01/22 | 04/30/23 | 110,431 | 521,217 | 410,786 |
| | | 6947487 | C | P154502 | AGREEMENT DATED 11/4/16 | Levy /Roger P | 04/01/22 | 03/31/24 | 12,394 | 120,000 | 107,606 |
| | **Total by Primary Sponsor** | | | | | | | | **9,488,407** | **58,585,619** | **11,279,564** |
| 007350 Alfred P. Sloan Foundation | 003821 New Jersey Institute of Technology | 6936326 | C | P067952 | 996698 | Goldwasser /Shafrira | 04/01/17 | 01/31/19 | (1,259) | 149,384 | 0 |
| | 005521 Cornell University | 6947544 | C | P091020 | 140604-21420 | Kopper /Sarah A | 01/01/22 | 12/31/24 | 0 | 91,316 | 91,316 |
| | 006829 New York University | 6946030 | C | P320000 | RB055-03; PO#IB00520182 | Mallapragada /Dharik Sanchan | 09/01/21 | 08/31/23 | 8,064 | 49,200 | 41,136 |
| | 007350 Alfred P. Sloan Foundation | 6936879 | C | P091000 | G-2017-9824 | Autor /David H | 07/01/17 | 06/30/22 | 0 | 276,185 | 209,392 |
| | | 6937345 | C | P091000 | G-2017-9797 | Acemoglu /K. Daron | 07/01/17 | 09/30/21 | 2,620 | 390,000 | (10,496) |
| | | 6938273 | C | P091000 | G-2017-9824 | Autor /David H | 07/01/17 | 06/30/22 | 57,074 | 114,302 | (193,838) |
| | | 6938365 | C | P320000 | G-2018-10119 | Armstrong /Robert C | 04/01/18 | 12/31/21 | (2,285) | 1,043,399 | 0 |
| | | 6938917 | C | P063007 | G-2018-11096 | Kroll /Jesse | 09/01/18 | 08/31/23 | 140,497 | 299,424 | 15,108 |
| | | 6940716 | C | P091020 | G-2019-11391 | Dhaliwal /Iqbal | 04/01/19 | 06/30/22 | 103,677 | 983,750 | (87,015) |
| | | 6943573 | C | P091020 | G-2019-11391 | Dhaliwal /Iqbal | 04/01/19 | 06/30/22 | 0 | 50,000 | 15,212 |
| | | 6943574 | C | P091020 | G-2019-11391 | Dhaliwal /Iqbal | 04/01/19 | 06/30/22 | 0 | 50,000 | 32,757 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945757 | C | P158000 | G-2021-16758 | Gore /Jeff | 10/01/21 | 09/30/24 | 151,817 | 18,994 | (132,823) |
| | | 6945865 | C | P095500 | G-2021-16891 | Berinsky /Adam | 08/01/21 | 06/30/23 | 70,948 | 244,562 | 173,614 |
| | | 6946287 | C | P158000 | G-2021-16758 | Gore /Jeff | 10/01/21 | 09/30/24 | 7,547 | 140,000 | 132,453 |
| | | 6946288 | C | P158000 | G-2021-16758 | Dunkel /Joern | 10/01/21 | 09/30/24 | 66,170 | 125,000 | 58,830 |
| | | 6946289 | C | P158000 | G-2021-16758 | Fakhri /Nikta | 10/01/21 | 09/30/24 | 83,501 | 140,000 | 56,499 |
| | | 6947090 | C | P091021 | GRANT NUMBER: G-2019-11392 | Finkelstein /Amy | 12/01/21 | 11/30/22 | 0 | 25,010 | 25,010 |
| | | 6947320 | C | P091000 | G-2022-17182 | Agarwal /Nikhil | 04/01/22 | 03/31/25 | 7,774 | 259,579 | 251,805 |
| | 007529 University of California - Irvine | 6942474 | C | P062000 | 2020-1257 | Brushett /Fikile R | 01/01/20 | 12/31/22 | 112,307 | 494,962 | 184,076 |
| | | 6945333 | C | P062000 | 2020-1257 | Brushett /Fikile R | 01/01/20 | 07/31/22 | 23,973 | 35,792 | 8,498 |
| | 007630 University of Pennsylvania | 6943942 | C | P121012 | SUBAWARD 579945 | Almaatouq /Abdullah | 07/01/20 | 06/30/22 | 17,371 | 48,432 | (0) |
| | 007641 University of Michigan | 6946942 | C | P067952 | SUBK00015476 | Cafarella /Michael J | 07/01/21 | 06/30/22 | 0 | 25,112 | 25,112 |
| | **Total by Primary Sponsor** | | | | | | | | **849,794** | **5,054,403** | **896,647** |
| 007351 Richard and Susan Smith Family Foundation | 007351 Richard and Susan Smith Family Foundation | 6938838 | C | P063007 | LTR. DTD. 06/11/2018 | Bourouiba /Lydia | 09/01/18 | 08/31/20 | 0 | 301,864 | 0 |
| | | 6945463 | C | P151075 | AGRMT DATED 03/17/21 | Vos /Seychelle M | 04/01/21 | 03/31/23 | 136,200 | 200,000 | 63,800 |
| | **Total by Primary Sponsor** | | | | | | | | **136,200** | **501,864** | **63,800** |
| 007353 Memorial Sloan-Kettering Cancer Center | 007353 Memorial Sloan-Kettering Cancer Center | 6939997 | C | P061901 | SK2017-1904 | Sontag /David Alexander | 12/07/18 | 12/31/22 | 62,542 | 704,509 | 444,822 |
| | **Total by Primary Sponsor** | | | | | | | | **62,542** | **704,509** | **444,822** |
| 007356 Smith Richardson Foundation | 007356 Smith Richardson Foundation | 6928871 | C | P097500 | SRF GRANT #2013-9333 | Narang /Vipin | 01/01/14 | 12/31/21 | 4,629 | 60,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943619 | C | P091000 | 2020-2252 | Autor /David H | 07/01/20 | 06/30/23 | 191,120 | 499,641 | 245,513 |
| | | 6947174 | C | P091000 | 2022-2677 | Pathak /Parag | 04/01/22 | 06/30/23 | 0 | 130,042 | 130,042 |
| | **Total by Primary Sponsor** | | | | | | | | **195,749** | **689,683** | **375,555** |
| 007378 The Spencer Foundation | 007378 The Spencer Foundation | 6942911 | C | P091000 | 202000205 | Pathak /Parag | 07/01/20 | 06/30/23 | 104,864 | 188,841 | (7,790) |
| | **Total by Primary Sponsor** | | | | | | | | **104,864** | **188,841** | **(7,790)** |
| 007392 Starr Foundation | 010085 The Broad Institute, Inc. | 6942686 | C | P402000 | 6000157-5500001390 | Hemann /Michael | 01/01/20 | 12/31/20 | 0 | 60,161 | (0) |
| | | 6944926 | C | P402000 | 6000158-5500001390 | Hemann /Michael | 01/01/21 | 12/31/22 | 121,133 | 179,839 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **121,133** | **240,000** | **(0)** |
| 007404 Susan G Komen Breast Cancer Foundatior | 007404 Susan G Komer Breast Cancer Foundation | 6942237 | C | P067952 | SAC190090 | Barzilay /Regina | 07/01/19 | 01/20/23 | 61,992 | 600,000 | 403,171 |
| | **Total by Primary Sponsor** | | | | | | | | **61,992** | **600,000** | **403,171** |
| 007426 John Templeton Foundation | 006120 Harvard University | 6947301 | C | P158000 | 272027-5120884 | Engelhardt /Netta | 09/01/21 | 08/31/22 | 108,669 | 140,000 | 31,331 |
| | 007611 University of Connecticut | 6942110 | C | P095500 | 365965/6203530 | Nielsen /Richard Alexander | 09/01/19 | 04/30/22 | 1,995 | 5,250 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **110,664** | **145,250** | **31,331** |
| 007452 Tides Foundation | 007452 Tides Foundatic | 6942572 | C | P091020 | TF2001-088478 | Dhaliwal /Iqbal | 01/24/20 | 01/31/24 | 432,056 | 1,000,000 | 84,844 |
| | | 6942762 | C | P091020 | TF2001-088478 | Sautmann /Anja | 01/24/20 | 01/31/24 | 349,618 | 1,000,000 | 365,221 |
| | | 6944633 | C | P031000 | TF2011-095874 | Mazereeuw /Miho | 11/24/20 | 07/31/22 | 432,849 | 500,000 | (46) |
| | | 6946372 | C | P091020 | TF2107-100797 | Dhaliwal /Iqbal | 07/31/21 | 07/31/23 | 29,310 | 190,000 | 160,690 |
| | | 6946455 | C | P091021 | TF2108-101444 | Finkelstein /Amy | 09/21/21 | 07/31/23 | 157,146 | 750,000 | 592,854 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946553 | C | P091020 | TF2107-100797 | Dhaliwal /Iqbal | 07/31/21 | 07/31/23 | 16,500 | 230,000 | 213,500 |
| | | 6947627 | C | P093800 | TF2112-104674 | Bald /Vivek A | 01/01/22 | 12/31/22 | 3,626 | 75,000 | 71,374 |
| | **Total by Primary Sponsor** | | | | | | | | **1,421,105** | **3,745,000** | **1,488,437** |
| 007512 U.S.-Israe Binational Science Foundation | 007512 U.S.-Israel Binational Science Foundation | 6932399 | C | P067952 | 2014276 | Vaikuntanathan /Vinod | 10/01/15 | 09/30/19 | (28,910) | 18,771 | (0) |
| | | 6941158 | C | P158000 | APPLICATION # 2018033 | Levitov /Leonid | 10/01/19 | 09/30/23 | 0 | 66,995 | 58,626 |
| | | 6941159 | C | P158000 | APPLICATION # 2018093 | Hen /Or | 10/01/19 | 09/30/22 | 63,173 | 84,600 | 18,911 |
| | **Total by Primary Sponsor** | | | | | | | | **34,264** | **170,366** | **77,537** |
| 007574 Enphase Energy | 007574 Enphase Energ | 6944515 | C | P267110 | AGMT EFF 1/1/21 | Perreault /David J | 01/01/21 | 08/31/22 | 71,028 | 115,000 | 24,757 |
| | **Total by Primary Sponsor** | | | | | | | | **71,028** | **115,000** | **24,757** |
| 007580 Fundacion LOGyCA | 007580 Fundacion LOGyCA | 6925610 | C | P069501 | LOGYCA AGREEMENT | Sheffi /Yosef | 01/01/12 | 12/31/24 | 0 | 864,000 | 864,000 |
| | | 6925611 | C | P069501 | LOGYCA AGREEMENT | Sheffi /Yosef | 01/01/12 | 12/31/24 | 98,609 | 1,140,000 | 4,279 |
| | **Total by Primary Sponsor** | | | | | | | | **98,609** | **2,004,000** | **868,279** |
| 007600 Unicef | 007600 Unicef | 6945180 | C | P091020 | 20201001 | Banerjee /Abhijit | 11/01/20 | 04/30/23 | 1,022,041 | 2,566,874 | 1,442,897 |
| | **Total by Primary Sponsor** | | | | | | | | **1,022,041** | **2,566,874** | **1,442,897** |
| 007615 University of Arizona | 007615 University of Arizona | 6946299 | C | P061097 | PO 612310 | Cahoy /Kerri | 08/26/21 | 08/31/22 | 124,753 | 150,381 | 25,628 |
| | **Total by Primary Sponsor** | | | | | | | | **124,753** | **150,381** | **25,628** |
| 007618 University of Colorado Boulder | 007618 University of Colorado Boulder | 6943623 | C | P039000 | QUICK RESPONSE GRANT PROGRAM | Wood /Danielle Renee | 06/01/20 | 12/31/23 | 0 | 3,000 | 3,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **3,000** | **3,000** |
| 007622 Lawrence Livermore Nationa Security, LLC | 007622 Lawrence Livermore National Security, LLC | 6947823 | C | P243020 | B652285 | Gatu Johnson /Maria | 07/01/22 | 12/31/22 | 0 | 149,993 | 149,993 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **0** | **149,993** | **149,993** |
| 007648 W.E. Upjohn Institute | 007648 W.E. Upjohn Ins | 6944455 | C | P091000 | 20-158-16 | Jaeger /Simon C. | 09/01/20 | 09/30/22 | 0 | 5,000 | 1,100 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **5,000** | **1,100** |
| 007700 V Foundation | 007700 V Foundation | 6944417 | C | P402000 | V2020-014 | Spranger-Zimmermann /Stefani | 12/01/20 | 11/30/22 | 140,570 | 200,000 | (35,482) |
| | | 6947771 | C | P402000 | V2022-004 | Soto Feliciano /Yadira M. | 07/01/22 | 07/14/24 | 0 | 200,000 | 200,000 |
| | **Total by Primary Sponsor** | | | | | | | | **140,570** | **400,000** | **164,518** |
| 007805 Taiwan Semiconductor Manufacturing Co., Ltd. | 007805 Taiwan Semiconductor Manufacturing Co., Ltd. | 6937986 | C | P060600 | AGMT EFF 10/1/17 | Chandrakasan /Anantha P | 03/19/18 | 12/31/22 | 84,596 | 450,000 | (0) |
| | | 6941111 | C | P267100 | 201901160012/AGMT EFF 01/25/19 | Kong /Jing | 01/01/19 | 12/14/21 | (16,595) | 300,000 | (34,702) |
| | | 6945383 | C | P268001 | AGREEMENT EFFECTIVE 2/1/2021 | Liu /Luqiao | 02/01/21 | 01/31/23 | 134,478 | 300,000 | 165,522 |
| | | 6946522 | C | P267100 | TSMC 202012210021 | Kong /Jing | 02/01/21 | 11/30/22 | 112,370 | 150,000 | 37,630 |
| | | 6946713 | C | P268001 | 2.02109E+12 | Chandrakasan /Anantha P | 09/01/21 | 08/31/22 | 112,747 | 150,000 | 37,253 |
| | **Total by Primary Sponsor** | | | | | | | | **427,596** | **1,350,000** | **205,703** |
| 007827 Woods Hole Oceanographic Institution | 007827 Woods Hole Oceanographic Institution | 6942575 | C | P065004 | SUBAWARD A101481 | Hart /Douglas | 08/01/19 | 12/31/21 | 14,014 | 16,532 | (0) |
| | | 6942673 | C | P065004 | SUBAWARD A101481 | Hart /Douglas | 02/01/20 | 07/31/20 | (8,845) | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **5,168** | **16,532** | **(0)** |
| 009904 MIT - Internal | 009904 MIT - Internal | 6891055 | C | P159400 | GLOBAL CHANGE | Prinn /Ronald G | 07/01/00 | 06/30/23 | 243,635 | 6,895,000 | 14,085 |
| | | 6891056 | C | P159400 | GLOBAL CHANGE | Prinn /Ronald G | 07/01/00 | 06/30/23 | 0 | 4,056,000 | 3,506 |
| | | 6922520 | C | P061200 | DESHPANDE MOU | Swager /Timothy M | 09/01/10 | 08/31/31 | 0 | 582,050 | 581,909 |
| | | 6922521 | C | P061200 | DESHPANDE MOU | Swager /Timothy M | 09/01/10 | 08/31/31 | 579,716 | 4,450,000 | (118,568) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6922522 | C | P061200 | DESHPANDE MOU | Cooney /Charles L | 09/01/10 | 08/31/31 | 0 | 68,934 | 68,934 |
| | | 6922541 | C | P061901 | DESHPANDE MOU | Edelman /Elazer R | 09/01/10 | 08/31/12 | 0 | 249,542 | 0 |
| | | 6922542 | C | P067952 | DESHPANDE MOU | Katabi /Dina | 10/01/10 | 09/30/11 | 0 | 47,567 | (0) |
| | | 6922543 | C | P066000 | DESHPANDE MOU | Beach /Geoffrey Stephen | 09/01/10 | 08/31/12 | 0 | 100,000 | (0) |
| | | 6922544 | C | P069700 | DESHPANDE MOU | Buonassisi /Anthony | 09/01/10 | 08/31/11 | 0 | 125,000 | 0 |
| | | 6922587 | C | P065006 | DESHPANDE MOU | Slocum /Alexander H | 09/01/10 | 12/31/11 | 0 | 49,974 | 0 |
| | | 6922588 | C | P039000 | DESHPANDE MOU | Raskar /Ramesh | 09/01/10 | 08/31/11 | 0 | 50,000 | 0 |
| | | 6924441 | C | P402000 | DESHPANDE MOU | Anderson /Daniel Griffith | 10/01/11 | 09/30/13 | 0 | 50,000 | (0) |
| | | 6924442 | C | P069850 | DESHPANDE MOU | Cima /Michael J | 09/01/11 | 08/31/12 | 0 | 50,000 | 0 |
| | | 6924443 | C | P065004 | DESHPANDE MOU | Patera /Anthony T | 09/01/11 | 07/31/13 | 0 | 128,153 | 0 |
| | | 6924444 | C | P065009 | DESHPANDE MOU | Chen /Gang | 10/01/11 | 03/31/13 | 0 | 67,741 | (0) |
| | | 6926533 | C | P067952 | DESHPANDE MOU | Edelman /Alan | 09/01/12 | 12/31/14 | 0 | 150,000 | (0) |
| | | 6926534 | C | P152000 | DESHPANDE MOU | Johnson /Jeremiah A. | 09/01/12 | 08/31/14 | 0 | 151,127 | 0 |
| | | 6926536 | C | P152000 | DESHPANDE MOU | Swager /Timothy M | 09/01/12 | 08/31/14 | 0 | 199,586 | 0 |
| | | 6926537 | C | P061901 | DESHPANDE MOU | Liau /Jane-Jane Chen | 09/01/12 | 08/31/15 | 0 | 299,356 | 0 |
| | | 6926538 | C | P069201 | DESHPANDE MOU | Grodzinsky /Alan J | 09/01/12 | 12/31/15 | 0 | 249,932 | (0) |
| | | 6926539 | C | P062000 | DESHPANDE MOU | Hammond /Paula T | 10/01/12 | 05/31/14 | 0 | 103,362 | 0 |
| | | 6926540 | C | P039000 | DESHPANDE MOU | Raskar /Ramesh | 09/01/12 | 08/31/14 | 0 | 150,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928485 | C | P267111 | DESHPANDE MOU | Grossman /Jeffrey C. | 09/01/13 | 08/31/15 | 0 | 199,995 | 0 |
| | | 6928488 | C | P152000 | DESHPANDE MOU | Pentelute /Bradley L. | 09/01/13 | 08/31/15 | 0 | 103,323 | 0 |
| | | 6928489 | C | P066000 | DESHPANDE MOU | Schuh /Christopher A | 09/01/13 | 03/31/18 | 0 | 224,374 | 0 |
| | | 6928490 | C | P267600 | DESHPANDE MOU | Watts /Michael R | 09/01/13 | 08/31/16 | 0 | 69,353 | 0 |
| | | 6928558 | C | P151020 | DESHPANDE MOU | Walker /Graham C | 09/01/13 | 08/31/16 | 0 | 100,881 | 0 |
| | | 6929019 | C | P152000 | DESHPANDE MOU | Pentelute /Bradley L. | 09/01/13 | 08/31/15 | 0 | 52,876 | 0 |
| | | 6931892 | C | P061903 | MICROBIOME | Alm /Eric J | 10/01/14 | 06/30/26 | 0 | 13,830 | 13,830 |
| | | 6931893 | C | P061903 | MICROBIOME | Alm /Eric J | 10/01/14 | 08/31/22 | 0 | 1,122 | 1,122 |
| | | 6931895 | C | P061903 | MICROBIOME | Alm /Eric J | 10/01/14 | 06/30/26 | 0 | 7,000 | 6,032 |
| | | 6932086 | C | P061903 | MICROBIOME | Alm /Eric J | 05/01/15 | 04/30/16 | 0 | 215,489 | 0 |
| | | 6932154 | C | P069201 | MICROBIOME | Lu /Timothy K | 07/01/15 | 06/30/19 | 0 | 298,467 | 0 |
| | | 6932158 | C | P061901 | MICROBIOME | Collins /James J. | 07/01/15 | 04/30/20 | 0 | 418,252 | (0) |
| | | 6932308 | C | P061903 | MICROBIOME | Alm /Eric J | 07/01/15 | 12/31/22 | 490,974 | 6,509,250 | 2,637,289 |
| | | 6932322 | C | P061903 | MICROBIOME | Alm /Eric J | 10/01/14 | 05/31/21 | 53,041 | 1,714,855 | (3,718) |
| | | 6932436 | C | P061903 | MICROBIOME | Alm /Eric J | 09/01/15 | 08/31/17 | 0 | 198,985 | 0 |
| | | 6932437 | C | P061903 | MICROBIOME | Alm /Eric J | 10/01/14 | 05/31/21 | (609) | 623,000 | (38,037) |
| | | 6932777 | C | P061097 | DESHPANDE MOU | Cahoy /Kerri | 09/01/15 | 08/31/17 | 0 | 173,032 | (0) |
| | | 6932785 | C | P402010 | DESHPANDE MOU | Koehler /Angela Nicole | 09/01/15 | 08/31/17 | 0 | 249,812 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932791 | C | P267600 | DESHPANDE MOU | Lu /Timothy K | 09/01/15 | 08/31/16 | 0 | 75 | 0 |
| | | 6933345 | C | P061903 | MICROBIOME | Alm /Eric J | 01/01/16 | 12/31/19 | 0 | 156,250 | 0 |
| | | 6933346 | C | P061903 | MICROBIOME | Alm /Eric J | 01/01/16 | 12/31/16 | 0 | 156,250 | 0 |
| | | 6933347 | C | P061903 | MICROBIOME | Alm /Eric J | 01/01/16 | 03/31/19 | 0 | 249,260 | 0 |
| | | 6933348 | C | P061903 | MICROBIOME | Alm /Eric J | 01/01/16 | 12/31/16 | 0 | 50,000 | 0 |
| | | 6933349 | C | P154000 | MICROBIOME | Berger Leighton /Bonnie | 01/01/16 | 08/31/18 | 0 | 206,250 | (0) |
| | | 6933350 | C | P061903 | MICROBIOME | Polz /Martin F | 01/01/16 | 12/31/17 | 0 | 154,657 | 0 |
| | | 6933665 | C | P061903 | MICROBIOME | Alm /Eric J | 12/01/15 | 03/31/22 | 630,129 | 3,137,500 | 196,335 |
| | | 6934500 | C | P069201 | MICROBIOME | Alm /Eric J | 04/01/16 | 09/30/22 | 351,876 | 3,607,964 | 59,173 |
| | | 6934768 | C | P061097 | DESHPANDE MOU | Cahoy /Kerri | 09/01/15 | 08/31/17 | 0 | 77,419 | 0 |
| | | 6935876 | C | P061903 | MICROBIOME | Ribbeck /Katharina | 04/01/17 | 05/31/19 | 0 | 62,500 | (0) |
| | | 6935953 | C | P061903 | MICROBIOME | Alm /Eric J | 04/01/17 | 03/31/18 | 0 | 62,500 | 0 |
| | | 6935954 | C | P061903 | MICROBIOME | Alm /Eric J | 04/01/17 | 03/31/19 | 0 | 156,250 | 0 |
| | | 6935955 | C | P061903 | MICROBIOME | Alm /Eric J | 04/01/17 | 03/31/18 | 0 | 100,000 | 0 |
| | | 6935956 | C | P061903 | MICROBIOME | Alm /Eric J | 04/01/17 | 11/30/18 | 0 | 62,370 | 0 |
| | | 6935957 | C | P061903 | MICROBIOME | Alm /Eric J | 05/01/17 | 04/30/20 | 0 | 229,458 | 0 |
| | | 6936504 | C | P069201 | MICROBIOME | Alm /Eric J | 03/30/17 | 12/31/22 | 97,762 | 543,750 | 43,750 |
| | | 6936800 | C | P061903 | MICROBIOME | Alm /Eric J | 08/01/17 | 01/31/19 | 0 | 110,932 | 0 |
| | | 6938969 | C | P061903 | MICROBIOME | Alm /Eric J | 05/01/18 | 12/31/20 | 4,779 | 62,500 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938970 | C | P061903 | MICROBIOME | Alm /Eric J | 04/01/18 | 03/31/19 | 0 | 156,250 | 0 |
| | | 6938971 | C | P061903 | MICROBIOME | Alm /Eric J | 07/01/18 | 06/30/21 | 0 | 62,500 | 0 |
| | | 6938972 | C | P061903 | MICROBIOME | Alm /Eric J | 07/01/18 | 12/31/19 | 0 | 62,500 | 0 |
| | | 6938978 | C | P061901 | MICROBIOME | Lieberman /Tami Danielle | 07/01/18 | 06/30/19 | 0 | 62,500 | (0) |
| | | 6938979 | C | P152000 | MICROBIOME | Kiessling /Laura L | 04/01/18 | 03/31/22 | 0 | 187,500 | 95,823 |
| | | 6939418 | C | P061903 | MICROBIOME | Alm /Eric J | 06/01/18 | 05/31/23 | 0 | 456,320 | 456,320 |
| | | 6939419 | C | P061903 | MICROBIOME | Alm /Eric J | 02/13/18 | 03/12/23 | 169,693 | 498,291 | 328,598 |
| | | 6941321 | C | P061901 | MICROBIOME | Alm /Eric J | 04/01/19 | 03/31/21 | 0 | 156,250 | 7,050 |
| | | 6943710 | C | P267110 | DESHPANDE MOU | Voldman /Joel | 09/01/20 | 08/31/21 | (233) | 50,000 | 0 |
| | | 6943711 | C | P061903 | MICROBIOME | Lieberman /Tami Danielle | 09/01/20 | 08/31/22 | 7,664 | 72,563 | 59,657 |
| | | 6943789 | C | P061901 | DESHPANDE MOU | Roche /Ellen | 09/01/10 | 08/31/22 | 125,682 | 279,975 | 128,182 |
| | | 6943877 | C | P152000 | DESHPANDE MOU | Johnson /Jeremiah A. | 09/01/20 | 08/31/22 | 49,334 | 100,000 | 632 |
| | | 6943921 | C | P400600 | DESHPANDE MOU | Ghosh /Satrajit S | 09/01/20 | 08/31/22 | 18,607 | 213,064 | 144,123 |
| | | 6943985 | C | P067952 | DESHPANDE MOU | Golland /Polina | 09/01/20 | 08/31/22 | 51,084 | 100,000 | 77 |
| | | 6944388 | C | P061094 | DESHPANDE MOU | Barrett /Steven R. H. | 09/01/20 | 08/31/22 | 32,003 | 100,000 | 34,939 |
| | | 6944401 | C | P267500 | DESHPANDE MOU | Soljacic /Marin | 09/01/20 | 08/31/21 | 0 | 700 | 700 |
| | | 6944404 | C | P066000 | DESHPANDE MOU | Hu /Juejun | 09/01/20 | 08/31/21 | (1,395) | 50,000 | (0) |
| | | 6945107 | C | P267500 | DESHPANDE MOU | Soljacic /Marin | 09/01/20 | 05/01/22 | 32,717 | 39,300 | (700) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945407 | C | P061903 | MICROBIOME | Alm /Eric J | 09/01/21 | 08/31/22 | 82,060 | 93,750 | 11,690 |
| | | 6945535 | C | P061903 | MICROBIOME | Alm /Eric J | 05/01/21 | 06/30/26 | 0 | 21,691 | 21,691 |
| | | 6945717 | C | P061903 | MICROBIOME | Alm /Eric J | 05/01/21 | 04/30/22 | 50,959 | 21,691 | (29,268) |
| | | 6945753 | C | P065004 | DESHPANDE MOU | Del Vecchio /Domitilla | 09/01/21 | 08/31/22 | 49,377 | 50,000 | 623 |
| | | 6945833 | C | P152000 | DESHPANDE MOU | Shoulders /Matthew D. | 09/01/10 | 08/31/22 | 49,868 | 49,868 | 0 |
| | | 6946382 | C | P165000 | DESHPANDE MOU | Dedon /Peter C | 09/01/21 | 08/31/22 | 19,345 | 50,000 | 30,655 |
| | | 6946418 | C | P069201 | MICROBIOME | Alm /Eric J | 06/01/21 | 07/31/22 | 152,410 | 119,371 | (33,038) |
| | | 6946459 | C | P402000 | DESHPANDE MOU | Cima /Michael J | 09/01/21 | 08/31/22 | 7,179 | 50,000 | 42,821 |
| | | 6946592 | C | P061901 | DESHPANDE MOU | Artzi /Natalie | 09/01/21 | 08/31/23 | 4,417 | 300,000 | 295,583 |
| | | 6946597 | C | P067952 | DESHPANDE MOU | Karger /David R | 09/01/21 | 10/31/22 | 3,706 | 50,000 | 46,294 |
| | | 6946814 | C | P065005 | DESHPANDE MOU | Zhao /Xuanhe | 09/01/21 | 08/31/22 | 1,265 | 50,000 | 48,735 |
| | | 6946873 | C | P069850 | 7207 | Ju /Long | 04/01/20 | 06/30/22 | 98,525 | 98,525 | 0 |
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| 009906 MIT - Internal Cost Sharing | 009906 MIT - Internal Cost Sharing | 6919766 | C | P066000 | KK9151 | Belcher /Angela M | 12/01/08 | 06/30/14 | 0 | 308,355 | (0) |
| | | 6919896 | C | P066000 | KK9151 | Belcher /Angela M | 12/01/08 | 12/31/13 | 0 | 101,361 | 0 |
| | | 6919897 | C | P066000 | KK9151 | Belcher /Angela M | 12/01/08 | 12/31/13 | 0 | 34,269 | 0 |
| | | 6923782 | C | P066000 | KK9151 | Belcher /Angela M | 12/01/10 | 12/31/13 | 0 | 345,160 | (0) |
| | | 6927097 | C | P035000 | AID-OAA-A-12-00095 | Sanyal /Bishwapriya | 10/01/12 | 12/31/17 | 0 | 331,677 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6927098 | C | P035000 | AID-OAA-A-12-00095 | Sanyal /Bishwapriya | 10/01/12 | 12/31/17 | 0 | 193,635 | 0 |
| | | 6927099 | C | P069500 | AID-OAA-A-12-00095 | Sheffi /Yosef | 10/01/12 | 12/31/17 | 0 | 149,035 | (0) |
| | | 6927100 | C | P440105 | AID-OAA-A-12-00095 | Smith /Amy B | 10/01/12 | 12/31/17 | 0 | 230,397 | 0 |
| | | 6927101 | C | P069400 | AID-OAA-A-12-00095 | de Weck /Olivier L | 10/01/12 | 12/31/17 | 0 | 0 | 0 |
| | | 6927264 | C | P417000 | W911NF-13-D-0001 | Joannopoulos /John | 01/01/13 | 12/31/22 | 1,032,708 | 5,832,793 | (964,896) |
| | | 6927368 | C | P417000 | W911NF-13-D-0001 | Elman /Noel M | 01/01/13 | 06/30/15 | 0 | 217,176 | 0 |
| | | 6927369 | C | P417000 | W911NF-13-D-0001 | Klibanov /Alexander M | 01/01/13 | 12/31/13 | 0 | 133,484 | (0) |
| | | 6927370 | C | P417000 | W911NF-13-D-0001 | Barbastathis /George | 01/01/13 | 12/31/13 | 0 | 91,226 | (0) |
| | | 6927371 | C | P417000 | W911NF-13-D-0001 | Fisher /Peter H | 01/01/13 | 06/30/18 | 0 | 70,004 | 0 |
| | | 6927372 | C | P417000 | W911NF-13-D-0001 | Nelson /Keith Adam | 01/01/13 | 12/31/14 | 0 | 52,269 | 0 |
| | | 6927383 | C | P417000 | W911NF-13-D-0001 | Win /Moe Z | 01/01/13 | 12/31/14 | 0 | 75,085 | (0) |
| | | 6927384 | C | P417000 | W911NF-13-D-0001 | Levitov /Leonid | 07/01/13 | 12/31/16 | 0 | 50,195 | (0) |
| | | 6927385 | C | P417000 | W911NF-13-D-0001 | Buehler /Markus J | 07/01/13 | 12/31/15 | 0 | 53,095 | 0 |
| | | 6927387 | C | P417000 | W911NF-13-D-0001 | Johnson /Steven G | 01/01/14 | 12/31/17 | 0 | 157,737 | 0 |
| | | 6927388 | C | P417000 | W911NF-13-D-0001 | Olsen /Bradley D. | 01/01/14 | 12/31/20 | 0 | 246,097 | 0 |
| | | 6928159 | C | P417000 | W911NF-13-D-0001 | Fink /Yoel | 07/01/14 | 12/31/16 | 0 | 127,107 | (0) |
| | | 6928160 | C | P417000 | W911NF-13-D-0001 | Strano /Michael S. | 09/01/14 | 12/31/17 | 0 | 128,453 | 0 |
| | | 6928161 | C | P417000 | W911NF-13-D-0001 | Hart /Anastasios John | 09/01/14 | 12/31/17 | 0 | 120,100 | 0 |
| | | 6928692 | C | P061094 | 13-C-AJFE-MIT-01 | Hansman /Robert J | 09/20/13 | 09/30/22 | 223,226 | 1,704,411 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929255 | C | P069201 | KK9151 | Lauffenburger /Douglas A | 12/01/13 | 11/30/18 | 0 | 666,143 | (4,853) |
| | | 6929323 | C | P266300 | NA14OAR4170077 | Chryssostomidis /Chryssostomo | 02/01/14 | 08/31/19 | 0 | 3,030,841 | 4,513 |
| | | 6931290 | C | P417000 | W911NF-13-D-0001 | Varanasi /Kripa | 12/01/14 | 12/31/15 | 0 | 51,597 | 0 |
| | | 6931291 | C | P417000 | W911NF-13-D-0001 | Gleason /Karen K | 01/01/15 | 12/31/15 | 0 | 50,366 | (0) |
| | | 6931292 | C | P417000 | W911NF-13-D-0001 | Soljacic /Marin | 01/01/15 | 12/31/17 | 0 | 325,446 | (0) |
| | | 6931366 | C | P151002 | AGREEMENT DTD.:5/2/2002 | Schwartz /Thomas | 05/04/02 | 03/31/24 | 0 | 850,540 | 76,950 |
| | | 6931584 | C | P417000 | W911NF-13-D-0001 | Zhao /Xuanhe | 01/01/15 | 12/31/17 | 0 | 224,963 | (0) |
| | | 6931983 | C | P417000 | W911NF-13-D-0001 | Wardle /Brian L | 05/01/15 | 12/31/16 | 0 | 80,034 | (0) |
| | | 6931984 | C | P417000 | W911NF-13-D-0001 | Swan /James W | 05/01/15 | 12/31/16 | 0 | 51,246 | (0) |
| | | 6931991 | C | P417000 | W911NF-13-D-0001 | Swager /Timothy M | 06/01/15 | 12/31/17 | 0 | 149,821 | 0 |
| | | 6932492 | C | P417000 | W911NF-13-D-0001 | Strano /Michael S. | 06/01/15 | 12/31/16 | 0 | 90,522 | 0 |
| | | 6932737 | C | P417000 | W911NF-13-D-0001 | Olsen /Bradley D. | 06/01/15 | 12/31/16 | 0 | 2,742 | 0 |
| | | 6932864 | C | P159300 | 1-R01-EY025437-01 | Nedivi /Elly | 04/01/15 | 09/29/21 | 0 | 239,157 | 0 |
| | | 6932953 | C | P062000 | 2-R01-DE013023-16 | Langer /Robert S | 05/08/15 | 04/30/20 | 51,737 | 217,282 | (0) |
| | | 6933047 | C | P069850 | AGMT. DTD. 3/22/2016 | Kimerling /Lionel C | 07/27/15 | 10/31/17 | (0) | 389,446 | (0) |
| | | 6933224 | C | P062000 | 8943SC | Chakraborty /Arup K | 08/15/15 | 04/30/21 | 7,964 | 38,160 | 16,950 |
| | | 6933437 | C | P417000 | W911NF-13-D-0001 | Soljacic /Marin | 01/01/16 | 12/31/17 | 0 | 7,088 | 0 |
| | | 6933598 | C | P417000 | W911NF-13-D-0001 | Swager /Timothy M | 01/01/16 | 12/31/17 | 0 | 199,607 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933599 | C | P417000 | W911NF-13-D-0001 | Cima /Michael J | 01/01/16 | 04/30/18 | 0 | 100,595 | 0 |
| | | 6933602 | C | P417000 | W911NF-13-D-0001 | Fisher /Peter H | 01/01/16 | 12/31/17 | 0 | 68,507 | 0 |
| | | 6933603 | C | P417000 | W911NF-13-D-0001 | Celanovic /Ivan L. | 01/01/16 | 12/31/22 | 68,389 | 512,517 | 10,001 |
| | | 6933604 | C | P417000 | W911NF-13-D-0001 | Soljacic /Marin | 01/01/16 | 12/31/17 | 0 | 93,976 | 0 |
| | | 6933605 | C | P417000 | W911NF-13-D-0001 | Bawendi /Moungi G | 01/01/16 | 12/31/16 | 0 | 70,627 | 0 |
| | | 6933726 | C | P417000 | W911NF-13-D-0001 | Cima /Michael J | 01/01/16 | 12/31/16 | 0 | 21,518 | 0 |
| | | 6933800 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 72,096 | (0) |
| | | 6933801 | C | P165000 | PENDING P30ES002109 YEAR 36 | Essigmann /John M | 04/01/16 | 03/31/17 | 0 | 40,508 | 0 |
| | | 6934621 | C | P402010 | 1-U54-CA210180-01 | White /Forest M | 08/01/16 | 07/31/17 | 0 | 23,954 | 0 |
| | | 6934691 | C | P159900 | PHY-1626069 | Conrad /Janet Marie | 09/01/16 | 08/31/23 | 0 | 284,449 | (3) |
| | | 6934866 | C | P159300 | 1-RF1-AG054012-01 | Tsai /Li-Huei | 08/01/16 | 08/31/21 | (2,210) | 64,584 | 0 |
| | | 6934903 | C | P400600 | 5-R01-NS098505-02 | Feng /Guoping | 09/01/16 | 06/30/22 | 0 | 55,051 | (163) |
| | | 6935026 | C | P165000 | PENDING P30ES002109 YEAR 36 | Selin /Noelle E | 09/01/16 | 03/31/17 | 0 | 1,949 | (0) |
| | | 6935030 | C | P165000 | PENDING P30ES002109 YEAR 36 | Schlau-Cohen /Gabriela S | 09/01/16 | 03/31/17 | 0 | 1,744 | 0 |
| | | 6935080 | C | P154500 | 1-R01-DC014739-01A1 | McDermott /Joshua Hartman | 09/01/16 | 08/31/21 | 0 | 433,473 | 0 |
| | | 6935089 | C | P400600 | 1-DP1-HD091947-01 | Kanwisher /Nancy | 09/30/16 | 07/31/22 | 255,458 | 620,774 | (128,491) |
| | | 6935194 | C | P159300 | 4500002204 | Miller /Earl K | 09/01/16 | 11/30/22 | 25,223 | 130,707 | (10,794) |
| | | 6935368 | C | P159300 | 1 RF1AG054321-01 | Tsai /Li-Huei | 09/01/16 | 08/31/22 | 4,855 | 102,312 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935727 | C | P151000 | LETTER DATED FEB 1, 2017 | Schwartz /Thomas | 07/01/17 | 06/30/24 | 0 | 548,548 | 0 |
| | | 6935863 | C | P095500 | GRANT #2016-4961 | Stewart /Charles H | 11/14/16 | 08/31/21 | 25,844 | 201,931 | 0 |
| | | 6936011 | C | P402000 | 1-R01-CA211184-01 | Yilmaz /Omer | 12/23/16 | 11/30/21 | 22,524 | 232,081 | (0) |
| | | 6936036 | C | P165000 | 5P30ES002109-37 | Selin /Noelle E | 04/01/17 | 12/31/17 | 0 | 1,778 | (0) |
| | | 6936039 | C | P165000 | 5P30ES002109-37 | Schlau-Cohen /Gabriela S | 04/01/17 | 05/31/17 | 0 | 0 | 0 |
| | | 6936047 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 55,771 | 0 |
| | | 6936048 | C | P165000 | 5P30ES002109-37 | Essigmann /John M | 04/01/17 | 03/31/18 | 0 | 53,503 | (0) |
| | | 6936097 | C | P069201 | 500489-78051 | Griffith /Linda G | 08/01/16 | 04/30/22 | 0 | 36,354 | 18,769 |
| | | 6936118 | C | P417000 | W911NF-13-D-0001 | Soljacic /Marin | 03/01/17 | 12/31/17 | 0 | 13,693 | 0 |
| | | 6936221 | C | P151009 | 5-R35-GM122538-05 | Grossman /Alan Davis | 04/01/17 | 03/31/22 | 165,786 | 866,520 | 63,146 |
| | | 6936252 | C | P069850 | 2-R01-GM102311-05 | Gore /Jeff | 04/01/17 | 03/31/20 | 0 | 117,693 | 0 |
| | | 6936355 | C | P402100 | 1(GG012741-01) | Fox /James G | 12/07/16 | 11/30/17 | 0 | 6,903 | 0 |
| | | 6936434 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/12/17 | 04/30/18 | 0 | 12,400 | 0 |
| | | 6936616 | C | P402000 | 1-U54-CA217377-01 | Manalis /Scott R | 06/01/17 | 04/30/18 | 0 | 65,897 | 0 |
| | | 6936703 | C | P400600 | 2-R01-MH060379-16 | Graybiel /Ann M | 07/01/17 | 03/31/22 | 23,215 | 85,477 | (47,284) |
| | | 6936730 | C | P151054 | 2-R01-GM085319-09 | Burge /Christopher B | 05/01/17 | 05/09/22 | 41,391 | 221,233 | 420 |
| | | 6936909 | C | P402010 | 5-U54-CA210180-02 | White /Forest M | 08/01/17 | 07/31/18 | 0 | 27,377 | 0 |
| | | 6936964 | C | P165000 | 1-P42-ES027707-01 | Engelward /Bevin P | 08/01/17 | 03/31/18 | 0 | 27,456 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936977 | C | P165000 | 1-P42-ES027707-01 | Essigmann /John M | 08/01/17 | 03/31/18 | 0 | 15,560 | (0) |
| | | 6936979 | C | P165000 | 1-P42-ES027707-01 | Engelward /Bevin P | 08/01/17 | 03/31/18 | 0 | 18,802 | 0 |
| | | 6936981 | C | P165000 | 1-P42-ES027707-01 | Lauffenburger /Douglas A | 08/01/17 | 03/31/18 | 0 | 15,560 | (0) |
| | | 6936993 | C | P402000 | 2-P01-CA042063-31 | Jacks /Tyler E | 08/01/17 | 01/31/23 | 111,934 | 496,894 | 37,305 |
| | | 6937091 | C | P402000 | 1R35ES028374-01 | Yaffe /Michael B | 09/01/17 | 07/31/21 | 0 | 503,791 | 0 |
| | | 6937212 | C | P151073 | 1-R35-GM124732-01 | Li /Gene-Wei | 09/01/17 | 08/31/22 | 97,443 | 426,154 | 88 |
| | | 6937236 | C | P165000 | 1-P42-ES027707-01 | Essigmann /John M | 08/01/17 | 03/31/18 | 0 | 35,312 | 0 |
| | | 6937339 | C | P159300 | 1-R01-NS102730-01 | Tsai /Li-Huei | 09/15/17 | 06/30/23 | 11,382 | 51,456 | (111) |
| | | 6937371 | C | P159300 | 1-R01-MH115037-01 | Choi /Bohyun Gloria | 09/12/17 | 06/30/22 | 44,928 | 196,612 | (437) |
| | | 6937416 | C | P151000 | 1R25OD023756 | Sassanfar /Mandana | 07/01/17 | 08/31/22 | 0 | 15,613 | 15,613 |
| | | 6937544 | C | P165000 | 1-R35-ES028303-01 | Walker /Graham C | 09/15/17 | 05/31/21 | (0) | 643,134 | 0 |
| | | 6937548 | C | P320000 | FME HIGHEFF AGREEMENT 2017-02-02 | Barton /Paul I | 06/01/17 | 12/31/23 | 0 | 25,152 | (33,273) |
| | | 6937591 | C | P400600 | 1-U01-MH114819-01 | Feng /Guoping | 09/20/17 | 05/31/22 | 0 | 160,228 | (783) |
| | | 6937610 | C | P152000 | 1-DP2-GM128200-01 | Schlau-Cohen /Gabriela S | 09/30/17 | 08/31/22 | 37,440 | 170,085 | (5,192) |
| | | 6937678 | C | P152000 | 2-P41-EB015871-31 | So /Peter T. C. | 06/18/17 | 05/31/22 | 65,894 | 319,810 | (1,896) |
| | | 6937679 | C | P152000 | 2-P41-EB015871-31 | Schlau-Cohen /Gabriela S | 06/18/17 | 05/31/22 | 33,276 | 154,302 | (4,615) |
| | | 6937680 | C | P152000 | 2-P41-EB015871-31 | Bawendi /Moungi G | 06/18/17 | 05/31/22 | 33,276 | 162,921 | 1,195 |
| | | 6937908 | C | P402100 | 1(GG012741-01) | Fox /James G | 12/01/17 | 11/30/18 | 0 | 6,865 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938070 | C | P402000 | 0125 G VB305 | White /Forest M | 09/25/17 | 08/31/22 | 5,331 | 27,941 | 81 |
| | | 6938073 | C | P266300 | NA18OAR4170105 | Triantafyllou /Michael S | 02/01/18 | 12/31/22 | 317,783 | 2,896,358 | 42,903 |
| | | 6938171 | C | P417000 | W911NF-13-D-0001 | Fang /Xuanlai | 01/01/18 | 12/31/21 | 14,088 | 101,386 | 0 |
| | | 6938172 | C | P417000 | W911NF-13-D-0001 | Wardle /Brian L | 01/01/18 | 12/31/22 | 19,796 | 125,000 | 23,905 |
| | | 6938173 | C | P417000 | W911NF-13-D-0001 | Kolle /Mathias | 01/01/18 | 12/31/20 | 0 | 99,460 | 0 |
| | | 6938174 | C | P417000 | W911NF-13-D-0001 | Nelson /Keith Adam | 01/01/18 | 12/31/22 | 0 | 154,868 | (0) |
| | | 6938175 | C | P417000 | W911NF-13-D-0001 | Bawendi /Moungi G | 01/01/18 | 12/31/22 | 5,263 | 155,000 | 4,140 |
| | | 6938176 | C | P417000 | W911NF-13-D-0001 | Holten-Andersen /Niels | 01/01/18 | 08/31/21 | 5,396 | 37,549 | 0 |
| | | 6938177 | C | P417000 | W911NF-13-D-0001 | McKinley /Gareth H | 01/01/18 | 08/31/21 | 0 | 34,499 | (0) |
| | | 6938178 | C | P417000 | W911NF-13-D-0001 | Olsen /Bradley D. | 01/01/18 | 12/31/20 | 0 | 25,798 | 0 |
| | | 6938179 | C | P417000 | W911NF-13-D-0001 | Zhao /Xuanhe | 01/01/18 | 12/31/22 | 8,201 | 35,000 | 131 |
| | | 6938180 | C | P417000 | W911NF-13-D-0001 | Kong /Jing | 01/01/18 | 12/31/20 | 0 | 20,139 | 0 |
| | | 6938181 | C | P417000 | W911NF-13-D-0001 | Palacios /Tomas | 01/01/18 | 12/31/20 | 0 | 16,754 | (0) |
| | | 6938182 | C | P417000 | W911NF-13-D-0001 | Swager /Timothy M | 01/01/18 | 12/31/20 | 0 | 33,611 | (0) |
| | | 6938203 | C | P400600 | 1-R01-NS106031-01 | Harnett /Mark Thomas | 04/01/18 | 03/31/22 | 74,715 | 123,051 | (24,980) |
| | | 6938218 | C | P417000 | W911NF-13-D-0001 | Bawendi /Moungi G | 01/01/18 | 12/31/22 | 28,593 | 235,000 | 29,650 |
| | | 6938296 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 59,288 | 0 |
| | | 6938297 | C | P165000 | 5P30ES002109-38 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 55,502 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938314 | C | P165000 | 5 P42 ES027707-02 | Engelward /Bevin P | 04/01/18 | 03/31/19 | 0 | 42,694 | (0) |
| | | 6938315 | C | P165000 | 5 P42 ES027707-02 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 35,588 | (0) |
| | | 6938327 | C | P165000 | 5 P42 ES027707-02 | Essigmann /John M | 04/01/18 | 03/31/19 | 0 | 15,777 | 0 |
| | | 6938331 | C | P165000 | 5 P42 ES027707-02 | Lauffenburger /Douglas A | 04/01/18 | 03/31/19 | 0 | 15,777 | 0 |
| | | 6938368 | C | P400600 | 1-R01-DA045549-01 | Boyden /Edward | 09/01/17 | 07/31/20 | 0 | 68,650 | (0) |
| | | 6938383 | C | P417000 | W911NF-13-D-0001 | Johnson /Steven G | 01/01/18 | 12/31/22 | 48,692 | 240,000 | 26,682 |
| | | 6938416 | C | P400600 | 1-R01-MH114031-01 | Boyden /Edward | 08/25/17 | 06/30/20 | 0 | 51,845 | (0) |
| | | 6938417 | C | P400600 | 1-R01-MH114031-01 | Desimone /Robert | 08/25/17 | 06/30/22 | 14,976 | 57,422 | (15,432) |
| | | 6938484 | C | P402000 | 2-R01-GM034277-33 | Sharp /Phillip A | 06/01/18 | 05/31/22 | 29,439 | 204,808 | (380) |
| | | 6938521 | C | P400600 | 64580127/PO# 921003-SV | Boyden /Edward | 09/21/17 | 05/31/21 | 0 | 16,875 | 0 |
| | | 6938522 | C | P159300 | SUBAWARD NO. 231125 | Wilson /Matthew A | 08/03/17 | 05/31/18 | 0 | 23,665 | 0 |
| | | 6938538 | C | P402000 | MRA TEAM SCIENCE AWARD #565436 | White /Forest M | 06/01/18 | 11/30/21 | (1,571) | 75,000 | (0) |
| | | 6938609 | C | P402010 | MRA TEAM SCIENCE AWARD #565436 | Birnbaum /Michael E | 06/01/18 | 11/30/21 | 33,003 | 149,669 | 0 |
| | | 6938611 | C | P402012 | MRA TEAM SCIENCE AWARD #565436 | Spranger-Zimmermann /Stefani | 06/01/18 | 11/30/21 | 932 | 150,000 | (0) |
| | | 6938613 | C | P402010 | MRA TEAM SCIENCE AWARD #565436 | Wittrup /Karl Dane | 06/01/18 | 11/30/21 | 17 | 75,000 | 0 |
| | | 6938683 | C | P069850 | EXHIBIT 1-A | Tibbits /Skylar | 05/08/18 | 05/07/19 | 0 | 25,504 | 0 |
| | | 6938697 | C | P400600 | 1-R01-MH111916-03 | Desimone /Robert | 05/08/18 | 02/28/22 | 29,770 | 134,589 | (30,273) |
| | | 6938703 | C | P154500 | 5-R01-NS098505-02 | Halassa /Michael | 09/01/17 | 06/30/22 | 0 | 199,885 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938705 | C | P400600 | 1-R01-MH111916-03 | Feng /Guoping | 05/08/18 | 02/28/22 | 0 | 29,840 | (168) |
| | | 6938734 | C | P402000 | 5-U54-CA217377-02 | Manalis /Scott R | 05/01/18 | 04/30/19 | 0 | 74,587 | 0 |
| | | 6938876 | C | P402000 | 1-R01-EB025854-01 | Irvine /Darrell J | 06/15/18 | 12/31/22 | 54,307 | 188,666 | (15,180) |
| | | 6938908 | C | P418101 | AGT DATED 6/15/18 | Calo Velazquez /Eliezer | 07/01/18 | 04/30/21 | (254) | 33,419 | (0) |
| | | 6938960 | C | P402100 | 2(GG012789-08) | Fox /James G | 05/01/18 | 04/30/19 | 0 | 12,221 | 0 |
| | | 6939033 | C | P165000 | 19-4-80311 | Dedon /Peter C | 01/01/18 | 08/31/21 | 0 | 24,013 | 0 |
| | | 6939130 | C | P402010 | 5-U54-CA210180-03 | White /Forest M | 08/01/18 | 07/31/19 | 0 | 27,541 | 0 |
| | | 6939162 | C | P159300 | SUBAWARD NO. 230203 | Miller /Earl K | 02/01/18 | 01/31/23 | 9,162 | 56,479 | 7,316 |
| | | 6939192 | C | P417500 | DE-FE0031668 | Tuller /Harry L | 08/17/18 | 08/16/21 | 0 | 129,618 | 0 |
| | | 6939226 | C | P069850 | DE-EE0008316 | Allanore /Antoine | 05/15/18 | 07/31/21 | 0 | 279,530 | 99,216 |
| | | 6939565 | C | P152000 | CHE-1828570 | Nelson /Keith Adam | 08/15/18 | 07/31/22 | 45,585 | 226,520 | (8,955) |
| | | 6939632 | C | P159300 | 1-RF1-AG062377-01 REVISED | Tsai /Li-Huei | 09/30/18 | 06/30/23 | 24,643 | 113,632 | (227) |
| | | 6939641 | C | P159300 | 1-R01-AG062335-01 | Tsai /Li-Huei | 09/30/18 | 05/31/22 | 13,810 | 60,514 | 2,549 |
| | | 6939691 | C | P159300 | 1-U01-NS110453-01 | Tsai /Li-Huei | 09/30/18 | 08/31/19 | 0 | 11,227 | (0) |
| | | 6939782 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 08/01/18 | 07/31/22 | 179,411 | 436,000 | 140,024 |
| | | 6939862 | C | P400600 | 132692-5106604 | Feng /Guoping | 07/01/18 | 03/31/24 | 0 | 74,510 | (436) |
| | | 6939865 | C | P400600 | 1 RF1 MH117809-01 | Fee /Michale Sean | 09/21/18 | 09/20/21 | 63,654 | 184,529 | 482 |
| | | 6939878 | C | P400600 | 1U24OD026638-01 | Feng /Guoping | 09/01/18 | 07/31/22 | 0 | 62,101 | 539 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939980 | C | P065004 | SUBAWARD NO: 17-096 | Buonassisi /Anthony | 08/01/18 | 07/31/20 | 0 | 0 | 0 |
| | | 6940021 | C | P417000 | W911NF-13-D-0001 | Joannopoulos /John | 09/01/18 | 12/31/18 | 0 | 38,091 | 0 |
| | | 6940023 | C | P402100 | 1(GG012741-03) | Fox /James G | 12/01/18 | 11/30/19 | 0 | 6,948 | 0 |
| | | 6940119 | C | P417000 | W911NF-13-D-0001 | Zhao /Xuanhe | 01/01/19 | 12/31/22 | 10,760 | 100,000 | (232) |
| | | 6940126 | C | P400600 | 1-R01-EY029666-01 | Desimone /Robert | 01/01/19 | 12/31/22 | 58,396 | 145,684 | (59,050) |
| | | 6940130 | C | P159300 | 7-R01-AG058002-02 | Tsai /Li-Huei | 06/15/18 | 05/31/22 | 11,382 | 44,677 | (111) |
| | | 6940142 | C | P159600 | AST-1828470 | Simcoe /Robert A | 09/01/18 | 09/30/22 | 0 | 0 | 0 |
| | | 6940190 | C | P152000 | 6323401 | Johnson /Jeremiah A. | 09/01/18 | 08/31/19 | 0 | 33,954 | (0) |
| | | 6940250 | C | P159300 | N00014-19-1-2036 | Nedivi /Elly | 01/18/19 | 01/17/23 | 54,051 | 137,162 | (22,836) |
| | | 6940357 | C | P066000 | A007462901 | Ross /Caroline A | 10/01/18 | 12/31/21 | 0 | 43,093 | (4) |
| | | 6940358 | C | P417000 | W911NF-13-D-0001 | Raskar /Ramesh | 01/01/19 | 12/31/21 | 0 | 25,059 | 0 |
| | | 6940359 | C | P417000 | W911NF-13-D-0001 | Bawendi /Moungi G | 01/01/19 | 12/31/20 | 0 | 25,045 | 0 |
| | | 6940461 | C | P165000 | 3P42ES027707-03 | Engelward /Bevin P | 04/01/19 | 03/31/20 | 0 | 36,676 | 0 |
| | | 6940462 | C | P165000 | 3P42ES027707-03 | Selin /Noelle E | 04/01/19 | 03/31/20 | 0 | 36,676 | 0 |
| | | 6940476 | C | P165000 | 5P42ES027707-02 REVISED | Lauffenburger /Douglas A | 04/01/19 | 03/31/20 | 0 | 16,129 | 0 |
| | | 6940489 | C | P165000 | 5P30ES002109-39 | Tat /Amanda | 04/01/19 | 03/31/20 | 0 | 58,834 | 0 |
| | | 6940490 | C | P165000 | 5P30ES002109-39 | Tat /Amanda | 04/01/19 | 03/31/20 | 0 | 55,941 | 0 |
| | | 6940517 | C | P159300 | 2-R01-MH104536-06 | Littleton /J. Troy | 12/01/18 | 12/31/22 | 32,439 | 106,616 | (312) |
| | | 6940555 | C | P243021 | 1-P41-GM132079 -01 | Griffin /Robert Guy | 05/01/19 | 08/31/20 | 0 | 109,178 | (4,761) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940579 | C | P267500 | DE-EE0008558 | Kim /Jeehwan | 03/01/19 | 09/30/23 | 0 | 5,909 | 5,909 |
| | | 6940609 | C | P402000 | 1-R01-CA226898-01A1 | Yaffe /Michael B | 12/07/18 | 11/30/22 | (11,717) | 20,530 | (23,371) |
| | | 6940741 | C | P067952 | 120368 | Golland /Polina | 09/22/18 | 06/30/22 | 0 | 56,031 | 0 |
| | | 6940768 | C | P402000 | 5-U54-CA217377-03 | Manalis /Scott R | 05/01/19 | 04/30/20 | 0 | 100,144 | 0 |
| | | 6940788 | C | P154500 | 2-R01-EY020517-07 | Sinha /Pawan | 07/01/18 | 06/30/20 | 0 | 78,423 | 0 |
| | | 6940835 | C | P400600 | 01061188 | Boyden /Edward | 08/23/18 | 05/31/20 | 0 | 7,934 | 0 |
| | | 6940844 | C | P069850 | AGMT. DTD. 3/22/2016 | Kimerling /Lionel C | 01/01/19 | 12/31/19 | 0 | 237,395 | (0) |
| | | 6941016 | C | P065004 | 72026319CA00003 | Ghoniem /Ahmed F | 02/20/19 | 10/31/20 | 0 | 0 | 0 |
| | | 6941035 | C | P159300 | 18-A0-00-1001558-01; PO# M190200 | Wilson /Matthew A | 07/12/18 | 04/30/19 | 0 | 18,368 | 0 |
| | | 6941040 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/19 | 04/30/20 | 0 | 14,226 | 0 |
| | | 6941128 | C | P159600 | AST-1828470 | Simcoe /Robert A | 09/01/18 | 09/30/22 | (99,510) | 421,235 | 178,130 |
| | | 6941132 | C | P402000 | 1-U01-CA238720-01 | White /Forest M | 06/01/19 | 05/31/20 | 0 | 16,689 | 0 |
| | | 6941156 | C | P061094 | 7000000324 / TRISH PROJ# DS002 | Hoffman /Jeffrey A | 10/01/16 | 09/30/22 | 8,106 | 74,977 | 0 |
| | | 6941407 | C | P068000 | DE-AR0001066 | Short /Michael P | 03/01/19 | 11/30/22 | 12,863 | 48,552 | 1,168 |
| | | 6941417 | C | P402000 | SUBK00011520 | Yaffe /Michael B | 06/01/19 | 05/31/22 | 5,674 | 16,909 | (0) |
| | | 6941451 | C | P152000 | 1-R35-GM133580-01 | Zhang /Bin | 08/01/19 | 05/31/23 | 82,329 | 216,069 | (10,325) |
| | | 6941460 | C | P402000 | 1-R01-CA233477-01A1 | Hemann /Michael | 08/14/19 | 07/31/22 | 27,251 | 79,919 | 25 |
| | | 6941464 | C | P159300 | 1-R21-MH120440-01 | Littleton /J. Troy | 06/01/19 | 04/30/22 | 26,499 | 93,629 | 3,241 |
| | | 6941523 | C | P402000 | 5-U54CA210180-04 | White /Forest M | 08/01/19 | 07/31/20 | 0 | 28,573 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941533 | C | P400600 | 1-R01-NS113079-01 | Harnett /Mark Thomas | 08/15/19 | 05/31/22 | 80,443 | 75,446 | (41,432) |
| | | 6941542 | C | P400600 | 1-R01-MH122025-01 | Jazayeri /Mehrdad | 08/19/19 | 05/31/22 | 66,336 | 59,310 | (102,610) |
| | | 6941549 | C | P062000 | RESEARCH AGREEMENT NO. 1247163 | Brushett /Fikile R | 04/22/19 | 04/22/22 | 40,832 | 75,195 | 0 |
| | | 6941581 | C | P400600 | 1-R01-NS113245-01 | Feng /Guoping | 07/01/19 | 05/31/22 | 8,831 | 15,289 | (9,008) |
| | | 6941582 | C | P400600 | 1-R01-NS113245-01 | Halassa /Michael | 07/01/19 | 05/31/22 | 25,112 | 73,588 | 23 |
| | | 6941798 | C | P069201 | SUBAWARD NO. T0060 | Weiss /Ron | 10/01/19 | 12/23/21 | 0 | 148,241 | 71,984 |
| | | 6941807 | C | P417000 | W911NF-13-D-0001 | Win /Moe Z | 07/01/19 | 12/31/22 | 4,706 | 50,000 | 42,837 |
| | | 6941813 | C | P062000 | PC2.1-036 | Braatz /Richard D | 09/01/19 | 11/30/21 | (0) | 102,031 | (0) |
| | | 6941815 | C | P066000 | PL1.0-006 | Van Vliet /Krystyn J | 09/03/19 | 12/02/21 | 0 | 46,923 | 0 |
| | | 6941822 | C | P159300 | 5-U01-MH117072-02 | Chung /Kwanghun | 06/01/19 | 05/31/20 | 0 | 64,956 | 0 |
| | | 6941832 | C | P402000 | 1R35CA242379-01 | Vander Heiden /Matthew G. | 09/01/19 | 08/31/20 | 0 | 139,276 | 0 |
| | | 6941847 | C | P159300 | 1DP2ES027992 | Chung /Kwanghun | 09/30/16 | 06/30/21 | (0) | 76,678 | 0 |
| | | 6941855 | C | P065005 | DE-AR0001130 | Wang /Evelyn | 06/14/19 | 11/21/20 | 0 | 0 | 0 |
| | | 6941864 | C | P153000 | 65H-S445820 | Weiss /Benjamin P | 09/01/19 | 08/31/22 | 13,928 | 39,489 | 20,705 |
| | | 6941869 | C | P063007 | 092266-17209 | Juanes /Ruben | 10/01/18 | 09/30/22 | 1,092 | 125,520 | (0) |
| | | 6941946 | C | P159300 | 1-U01-MH117072-01 | Chung /Kwanghun | 08/22/18 | 05/31/19 | 0 | 37,098 | 0 |
| | | 6941959 | C | P402000 | 357361 | Hemann /Michael | 06/10/19 | 05/31/22 | 27,251 | 79,919 | 25 |
| | | 6941967 | C | P066000 | SUBCONTRACT RESEARCH AGREEMENT DATED 10-24-2019 | Chiang /Yet-Ming | 07/31/19 | 09/30/21 | 0 | 8,696 | (12) |
| | | 6941993 | C | P417000 | W911NF-13-D-0001 | Lang /Jeffrey H | 10/01/19 | 12/31/21 | 35,404 | 101,737 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942003 | C | P069201 | 152561.5112601.0002 | Grodzinsky /Alan J | 09/18/19 | 11/30/21 | 0 | 14,106 | 0 |
| | | 6942052 | C | P402000 | 307 | Langer /Robert S | 09/30/19 | 08/31/22 | (11,594) | 68,730 | 0 |
| | | 6942067 | C | P400600 | 5-U01-MH114819-03 | Boyden /Edward | 09/20/17 | 05/31/21 | 0 | 8,679 | (0) |
| | | 6942069 | C | P400600 | A19-1044-S004 | Boyden /Edward | 09/30/18 | 06/30/21 | 0 | 7,157 | (0) |
| | | 6942086 | C | P400600 | 1-RF1-DA049005-01 | Boyden /Edward | 08/15/19 | 07/31/22 | 0 | 6,954 | 0 |
| | | 6942116 | C | P402000 | 1(GG012140)/PO G10545 | Vander Heiden /Matthew G. | 12/01/15 | 11/30/22 | 4,947 | 43,439 | (1,686) |
| | | 6942232 | C | P400600 | 103076-00001/NIH113 | Boyden /Edward | 09/15/19 | 06/30/21 | 0 | 6,954 | 0 |
| | | 6942243 | C | P417000 | W911NF-13-D-0001 | Bathe /Mark | 12/01/19 | 12/31/22 | 42,293 | 140,000 | 29,238 |
| | | 6942272 | C | P159300 | 1-UG3-NS115064-01 | Tsai /Li-Huei | 09/20/19 | 05/31/21 | 32 | 28,255 | 0 |
| | | 6942299 | C | P152000 | 6323402 | Johnson /Jeremiah A. | 09/01/19 | 08/31/20 | 0 | 37,014 | 0 |
| | | 6942301 | C | P152000 | 6323403 | Johnson /Jeremiah A. | 09/01/20 | 02/28/22 | 0 | 39,633 | 0 |
| | | 6942471 | C | P400600 | 2000 G XH151 | Jazayeri /Mehrdad | 09/30/19 | 09/29/21 | 22,054 | 38,571 | 14,157 |
| | | 6942537 | C | P417500 | SA-19-31 | Olivetti /Elsa A | 02/01/20 | 04/29/22 | 28,451 | 34,663 | (63,109) |
| | | 6942727 | C | P402000 | 234408 | Birnbaum /Michael E | 05/01/19 | 04/30/24 | 14,074 | 35,023 | (1,412) |
| | | 6942729 | C | P400600 | A007605201 | Boyden /Edward | 09/01/19 | 08/31/22 | 0 | 10,580 | (0) |
| | | 6942730 | C | P154500 | 5-R01-MH120118-02 | Halassa /Michael | 02/15/20 | 12/31/22 | 54,665 | 128,076 | (1,038) |
| | | 6942738 | C | P068700 | SA1712153 | Ilic /Marija | 08/01/19 | 07/31/20 | 0 | 0 | 0 |
| | | 6942744 | C | P417000 | W911NF-13-D-0001 | Zhao /Xuanhe | 01/01/20 | 12/31/22 | 1,043 | 75,000 | 72,815 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942748 | C | P402100 | 1(GG012741-04) | Fox /James G | 12/01/19 | 11/30/20 | 0 | 7,207 | (0) |
| | | 6942857 | C | P031000 | DE-AR0001133 | Goulthorpe /Mark | 12/09/19 | 03/08/23 | 0 | 503,013 | 339,551 |
| | | 6942887 | C | P402000 | 1-R21-AI151827-01 | Hemann /Michael | 03/01/20 | 02/28/22 | 18,081 | 53,183 | 0 |
| | | 6942903 | C | P402000 | PO#7000001107/NNX16A069A | Langer /Robert S | 04/01/20 | 03/31/21 | 0 | 44,443 | 0 |
| | | 6942951 | C | P165000 | 5P30ES002109-39 | Tat /Amanda | 04/01/20 | 03/31/21 | 0 | 47,982 | 0 |
| | | 6942952 | C | P165000 | 5P30ES002109-39 | Tat /Amanda | 04/01/20 | 03/31/21 | 0 | 57,475 | 0 |
| | | 6942966 | C | P165000 | 5P42ES027707-03 REVISED | Engelward /Bevin P | 04/01/20 | 03/31/21 | 0 | 37,575 | 0 |
| | | 6942967 | C | P165000 | 5P42ES027707-03 REVISED | Selin /Noelle E | 04/01/20 | 03/31/21 | 0 | 37,467 | 0 |
| | | 6942973 | C | P165000 | 5P42ES027707-03 REVISED | Lauffenburger /Douglas A | 04/01/20 | 03/31/21 | 0 | 16,548 | (0) |
| | | 6942997 | C | P066000 | DE-EE0008830 | Tasan /Cemal | 10/01/19 | 05/31/23 | 0 | 62,991 | 16,030 |
| | | 6943025 | C | P402000 | 6000157-5500001390 | Hemann /Michael | 01/01/20 | 12/31/20 | 0 | 6,292 | 0 |
| | | 6943048 | C | P402000 | 5-U54-CA217377-04 | Manalis /Scott R | 05/01/20 | 04/30/21 | (33,725) | 148,235 | 0 |
| | | 6943102 | C | P400600 | PO#1000001612/SUBAWARD F201577-1 | Boyden /Edward | 01/01/20 | 10/31/20 | 0 | 2,618 | 0 |
| | | 6943105 | C | P417500 | UGA-0-41029-23 | Olivetti /Elsa A | 04/16/20 | 09/30/22 | 4,407 | 5,512 | (4,407) |
| | | 6943115 | C | P400600 | 1R01MH121802-01 | Desimone /Robert | 04/07/20 | 01/31/23 | 6,140 | 62,358 | 56,218 |
| | | 6943116 | C | P400600 | 1R01MH121802-01 | Feng /Guoping | 04/07/20 | 01/31/21 | 0 | 6,153 | 6,153 |
| | | 6943118 | C | P400600 | 2-R01-DA029639-09 | Boyden /Edward | 04/01/20 | 01/31/22 | 0 | 3,135 | (0) |
| | | 6943168 | C | P159300 | 1-U01-NS110453-02 | Tsai /Li-Huei | 09/01/19 | 08/31/22 | 12,322 | 35,389 | (113) |
| | | 6943173 | C | P402000 | 1-R01-EB027717-01A1 | Langer /Robert S | 02/01/20 | 11/30/22 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943177 | C | P400600 | | Graybiel /Ann M | 04/15/20 | 03/31/22 | 0 | 9,404 | 9,404 |
| | | 6943227 | C | P402000 | 2-P30-CA014051-49 REVISED | Vander Heiden /Matthew G. | 05/01/20 | 04/30/21 | 84 | 223,218 | (0) |
| | | 6943234 | C | P151045 | 5-R01-DK115558-03 | Baker /Tania | 09/01/17 | 06/30/23 | 74,879 | 123,750 | (77,517) |
| | | 6943311 | C | P152000 | 1R35GM136354-01 | Shoulders /Matthew D. | 03/01/20 | 04/30/22 | 71,332 | 160,423 | 8,741 |
| | | 6943317 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/20 | 04/30/21 | 0 | 14,550 | 0 |
| | | 6943338 | C | P243021 | 5-P41-GM132079-02 | Griffin /Robert Guy | 05/01/19 | 05/31/21 | 0 | 98,119 | (5,484) |
| | | 6943415 | C | P159300 | 1-U01-AG066757-01 | Tsai /Li-Huei | 05/15/20 | 04/30/21 | 0 | 9,308 | (0) |
| | | 6943433 | C | P402000 | 5-U01-CA238720-02 | White /Forest M | 06/01/20 | 05/31/21 | 0 | 14,181 | 0 |
| | | 6943442 | C | P095500 | 1908-17912 | Kim /In Song | 07/01/20 | 06/30/22 | 0 | 21,971 | (32) |
| | | 6943443 | C | P069400 | PC2.1-037 | Han /Jongyoon | 06/15/20 | 12/14/21 | 27,119 | 64,427 | (0) |
| | | 6943467 | C | P402000 | 3001559445 | Chen /Jianzhu | 04/01/20 | 03/31/22 | 15,725 | 15,725 | (0) |
| | | 6943470 | C | P062000 | W81XWH2010481 | Hammond /Paula T | 07/01/20 | 06/30/23 | 106 | 3,414 | 3,307 |
| | | 6943480 | C | P400600 | 4500003437 | Boyden /Edward | 03/01/20 | 01/31/21 | 0 | 6,273 | 0 |
| | | 6943523 | C | P159300 | 2R01NS040296-19 | Littleton /J. Troy | 08/01/20 | 05/31/22 | 32,460 | 91,474 | (996) |
| | | 6943576 | C | P159300 | 1-R01-GM135413-01 | Flavell /Steven Willem | 02/19/20 | 01/31/23 | 25,488 | 126,237 | 19,965 |
| | | 6943577 | C | P152000 | 50000655-5500001351 | Pentelute /Bradley L. | 08/07/19 | 07/31/20 | 0 | 37,078 | 0 |
| | | 6943578 | C | P152000 | 5000428-5500001351 | Pentelute /Bradley L. | 08/01/20 | 07/31/21 | 0 | 37,807 | 0 |
| | | 6943583 | C | P067952 | 1-U01-NS110453-01 | Kellis /Manolis | 09/30/18 | 09/30/19 | 0 | 4,936 | (0) |
| | | 6943800 | C | P402000 | 5-R35-CA242379-02 | Vander Heiden /Matthew G. | 09/01/20 | 08/31/21 | 0 | 154,743 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943814 | C | P066000 | DE-AR0001220 | Gomez-Bombarelli /Rafael | 06/24/20 | 06/23/22 | 7,168 | 15,641 | 8,473 |
| | | 6943858 | C | P402000 | 5-U54-CA210180-05 | White /Forest M | 08/01/20 | 07/31/22 | 14,571 | 43,564 | (142) |
| | | 6943875 | C | P062000 | 10634-GR | Roman /Yuriy | 01/01/19 | 12/31/21 | 34,774 | 59,634 | 24,860 |
| | | 6943918 | C | P243020 | DE-AR0001261 | Wright /John C | 08/11/20 | 02/10/24 | 8,148 | 14,148 | 6,000 |
| | | 6943920 | C | P065004 | DE-OE0000920 | Annaswamy /Anuradha M | 08/01/20 | 07/31/23 | 0 | 404,671 | 404,671 |
| | | 6943944 | C | P152000 | 5-R35-GM122483-04 | Buchwald /Stephen Leffler | 06/01/17 | 05/31/22 | 64,753 | 325,305 | 7,215 |
| | | 6943965 | C | P402000 | 1-DP2-AI158126-01 | Birnbaum /Michael E | 08/19/20 | 03/30/25 | 89,798 | 158,546 | 82 |
| | | 6943991 | C | P152000 | CHE-1828570 | Nelson /Keith Adam | 08/01/20 | 07/31/22 | (853) | 0 | 0 |
| | | 6944175 | C | P417500 | DE-EE0009096 09/01 | Olivetti /Elsa A | 09/01/20 | 02/28/22 | 11,699 | 9,511 | (11,699) |
| | | 6944189 | C | P065012 | DE-NA0003965 | Marzouk /Youssef M | 06/30/20 | 09/29/22 | 31,742 | 30,603 | (31,742) |
| | | 6944230 | C | P402000 | 1-R01-CA245314-01A1 | Yilmaz /Omer | 09/01/20 | 05/31/23 | 55,147 | 107,422 | 0 |
| | | 6944304 | C | P068700 | M2100082 | Ilic /Marija | 07/01/20 | 06/30/21 | 0 | 0 | 0 |
| | | 6944335 | C | P402000 | 5-U54-CA217377-04 REVISED | Shalek /Alexander K | 09/01/20 | 04/30/21 | 0 | 0 | 0 |
| | | 6944374 | C | P402000 | 2-R01-AI055258-16 | Wittrup /Karl Dane | 05/01/20 | 04/30/21 | (1,577) | 10,235 | (0) |
| | | 6944375 | C | P159300 | 5-U01-MH117072-03 | Chung /Kwanghun | 06/01/20 | 05/31/21 | 0 | 65,001 | 0 |
| | | 6944482 | C | P243020 | B643497 | Terry /James L | 12/22/20 | 12/21/21 | 19,188 | 40,000 | 0 |
| | | 6944593 | C | P264000 | DE-AR0001298 | Kohse /Gordon E | 09/30/20 | 09/29/22 | 44,845 | 74,669 | 9,649 |
| | | 6944704 | C | P159300 | 1-R56-AG069232-01 | Tsai /Li-Huei | 09/15/20 | 03/31/22 | 11,481 | 24,194 | (0) |
| | | 6944736 | C | P065004 | 14000497-047 | Henry /Asegun S | 08/01/20 | 10/31/22 | 49,674 | 95,819 | 1,750 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944757 | C | P068000 | DE-AR0001295 | Baglietto /Emilio | 10/01/20 | 09/30/22 | 29,282 | 57,434 | 2,945 |
| | | 6944801 | C | P402000 | 235663 | Yilmaz /Omer | 09/01/20 | 08/31/21 | 0 | 24,336 | 0 |
| | | 6944806 | C | P035000 | DE-EE0009211 | Zhao /Jinhua | 10/01/20 | 05/31/22 | 23,143 | 61,189 | 2,087 |
| | | 6944819 | C | P159300 | 4-R37NS051874-25 | Tsai /Li-Huei | 07/01/20 | 06/30/23 | 11,102 | 20,720 | (44) |
| | | 6944822 | C | P402100 | 1(GG012741-04) | Fox /James G | 12/01/20 | 11/30/21 | 790 | 5,657 | (0) |
| | | 6944886 | C | P320000 | DE-AR0001311 | Herzog /Howard J | 02/09/21 | 05/31/22 | 41,574 | 60,000 | (1) |
| | | 6944894 | C | P069201 | 5-R00-GM130896-03 | Hansen /Anders Sejr | 02/01/20 | 01/31/23 | 119,905 | 360,459 | 240,555 |
| | | 6944928 | C | P402000 | 6000157-5500001390 | Hemann /Michael | 01/01/21 | 12/31/22 | 6,514 | 10,017 | 6 |
| | | 6944930 | C | P402400 | AWD-000286-G2 | Fernandez /John | 08/01/19 | 07/31/22 | 49,931 | 40,564 | (9,367) |
| | | 6944934 | C | P400600 | A034481 | Wang /Fan | 01/01/21 | 04/30/23 | 28,952 | 40,289 | (3,833) |
| | | 6944959 | C | P031000 | SUB0000466 | Norford /Leslie Keith | 07/01/20 | 06/30/22 | 0 | 0 | 0 |
| | | 6944993 | C | P165000 | 5-P42-ES027707-05 | Selin /Noelle E | 04/01/21 | 03/31/22 | 28,383 | 37,618 | (0) |
| | | 6945007 | C | P165000 | 5-P42-ES027707-05 | Lauffenburger /Douglas A | 04/01/21 | 03/31/22 | (17,451) | 16,729 | 0 |
| | | 6945059 | C | P402000 | 1-R21-AI156664-01 | Birnbaum /Michael E | 03/12/21 | 02/28/23 | 7,035 | 6,922 | (113) |
| | | 6945071 | C | P417000 | W911NF-13-D-0001 | Portela Galindo /Carlos M | 11/01/20 | 12/31/22 | 30,882 | 100,000 | 44,599 |
| | | 6945077 | C | P165000 | 5-P42-ES027707-05 | Engelward /Bevin P | 04/01/21 | 03/31/22 | 26,808 | 37,618 | 0 |
| | | 6945159 | C | P267110 | DE-EE0009366 | Buonassisi /Anthony | 03/01/21 | 10/31/22 | 17,174 | 18,634 | 1,460 |
| | | 6945187 | C | P159600 | LE200100012 | Simcoe /Robert A | 07/22/20 | 07/21/21 | 0 | 15,452 | 1,603 |
| | | 6945246 | C | P402000 | 5-U54-CA217377-05 | Manalis /Scott R | 05/01/21 | 04/30/23 | 153,893 | 153,893 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945288 | C | P402000 | W81XWH2110283 | Li /Hojun | 06/01/21 | 05/31/23 | 22,103 | 21,147 | (956) |
| | | 6945289 | C | P152000 | 1-R35-GM141963-01 | Movassaghi /Mohammad | 05/01/21 | 07/31/22 | 72,011 | 79,835 | 7,824 |
| | | 6945290 | C | P417500 | 5-R01-GM134734-02 | Cisse /Ibrahim I | 08/01/19 | 04/30/21 | 68,701 | 67,673 | (1,028) |
| | | 6945303 | C | P417000 | W911NF-13-D-0001 | Nelson /Keith Adam | 01/01/21 | 12/31/22 | 40,515 | 135,000 | 94,485 |
| | | 6945304 | C | P417000 | W911NF-13-D-0001 | Hammond /Paula T | 01/01/21 | 12/31/22 | 3,543 | 55,000 | 51,457 |
| | | 6945305 | C | P417000 | W911NF-13-D-0001 | Kong /Jing | 01/01/21 | 12/31/22 | 18,604 | 20,000 | 1,396 |
| | | 6945306 | C | P417000 | W911NF-13-D-0001 | Englund /Dirk R. | 01/01/21 | 12/31/22 | 0 | 50,000 | 50,000 |
| | | 6945307 | C | P417000 | W911NF-13-D-0001 | Fink /Yoel | 01/01/21 | 12/31/22 | 118,608 | 230,000 | 60,652 |
| | | 6945313 | C | P402000 | PO#7000001107/NNX16A069A | Langer /Robert S | 04/01/21 | 03/31/22 | 38,938 | 48,816 | 0 |
| | | 6945328 | C | P400600 | 7-R01-DE029342-02 | Wang /Fan | 01/01/21 | 06/30/24 | 39,751 | 52,290 | (5,425) |
| | | 6945399 | C | P151037 | 1-R35-GM141517-01 | Sauer /Robert T | 04/01/21 | 03/31/23 | 147,760 | 183,567 | 804 |
| | | 6945432 | C | P165000 | 5-R35-ES028303-05 | Walker /Graham C | 06/01/21 | 05/31/22 | 151,213 | 151,213 | 0 |
| | | 6945441 | C | P400600 | 704347 | Wang /Fan | 01/01/21 | 05/31/21 | (8,153) | 31,875 | (0) |
| | | 6945460 | C | P062000 | DE-SC0019112 | Strano /Michael S. | 03/18/21 | 07/31/22 | 10,066 | 48,000 | 22,429 |
| | | 6945514 | C | P152000 | LETTER DTD 05/17/2021 | Wendlandt /Alison | 09/01/21 | 08/31/22 | 37,448 | 57,084 | 19,635 |
| | | 6945519 | C | P402100 | 2(GG012789-02) | Fox /James G | 05/01/21 | 04/30/22 | 6,146 | 6,146 | 0 |
| | | 6945521 | C | P402012 | 1-U01-CA250554-01 | Yilmaz /Omer | 07/08/20 | 06/30/21 | 12,778 | 12,778 | 0 |
| | | 6945523 | C | P402000 | 238575 | Yilmaz /Omer | 04/05/21 | 03/31/23 | 45,716 | 45,716 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945529 | C | P152000 | AGREEMENT DTD. 10/22/2020 | Pentelute /Bradley L. | 07/01/20 | 06/30/23 | 96,178 | 96,178 | 0 |
| | | 6945543 | C | P159300 | 5-U01-MH117072-04 | Chung /Kwanghun | 06/01/21 | 05/31/22 | 78,485 | 69,073 | (9,411) |
| | | 6945550 | C | P402000 | 5-U01-CA238720-03 | White /Forest M | 06/01/21 | 05/31/22 | 14,603 | 14,047 | (556) |
| | | 6945563 | C | P400600 | 7-R01-NS077986-09 | Wang /Fan | 01/01/21 | 06/30/22 | 45,980 | 78,436 | 0 |
| | | 6945564 | C | P400600 | 7-R01-NS109947-04 | Wang /Fan | 01/01/21 | 06/30/22 | 45,980 | 78,436 | 0 |
| | | 6945578 | C | P402000 | 1318001 | Langer /Robert S | 02/09/21 | 03/31/23 | 8,724 | 7,144 | (1,580) |
| | | 6945600 | C | P402000 | 5-P30-CA014051-50 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 230,785 | 255,093 | 4,095 |
| | | 6945629 | C | P400600 | 704347 | Wang /Fan | 06/01/21 | 05/31/22 | 64,862 | 64,862 | 0 |
| | | 6945671 | C | P159300 | 5-U01-AG066757-02 | Tsai /Li-Huei | 05/01/21 | 04/30/22 | 11,925 | 11,862 | (63) |
| | | 6945696 | C | P402000 | 2021-0285-01 | Birnbaum /Michael E | 04/16/21 | 03/31/23 | 6,512 | 6,403 | (109) |
| | | 6945718 | C | P065005 | 1-R01-HL153857-01 | Zhao /Xuanhe | 07/10/20 | 06/30/22 | 29,431 | 38,472 | 9,041 |
| | | 6945816 | C | P402000 | 238695 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/22 | 59,055 | 38,897 | (20,158) |
| | | 6945819 | C | P243021 | 1-S10-OD028706-01A1 | Griffin /Robert Guy | 07/15/21 | 07/14/23 | 0 | 1,000 | 1,000 |
| | | 6945822 | C | P069201 | 1-DP2-GM140938-01 | Hansen /Anders Sejr | 09/30/20 | 05/31/25 | 69,816 | 42,524 | (27,291) |
| | | 6945844 | C | P402000 | 5-R35-ES028374-05 | Yaffe /Michael B | 08/01/21 | 07/31/22 | 166,381 | 166,381 | 0 |
| | | 6945860 | C | P065004 | S51700000049091 | Hart /Anastasios John | 04/16/21 | 04/15/23 | 0 | 37,641 | 37,641 |
| | | 6945870 | C | P039000 | 1DP2AI136597-01 | Esvelt /Kevin Michael | 09/01/17 | 06/30/22 | 328,062 | 340,066 | 12,004 |
| | | 6945914 | C | P243021 | 5-P41-GM132079-03 | Griffin /Robert Guy | 04/01/19 | 05/31/23 | 103,908 | 89,623 | (14,285) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945942 | C | P266301 | NA21OAR4170339 | Triantafyllou /Michael S | 08/01/21 | 07/31/23 | 0 | 15,717 | 15,717 |
| | | 6945986 | C | P035000 | SUBAWARD AGREEMENT DATED APRIL 1 2021/USDOE AWARD DE-EE009360 | Knox /Janelle K | 04/01/21 | 03/31/22 | 14,878 | 14,878 | 0 |
| | | 6946013 | C | P402012 | 5-U01-CA250554-02 | Yilmaz /Omer | 07/01/21 | 06/30/22 | 19,301 | 0 | (19,301) |
| | | 6946014 | C | P159300 | 7-R01-NS100802-06 | Heiman /Myriam | 07/01/21 | 03/31/22 | 45,291 | 45,007 | (284) |
| | | 6946069 | C | P069201 | | Griffith /Linda G | 06/01/21 | 06/30/24 | 17,743 | 44,804 | 27,061 |
| | | 6946073 | C | P068000 | DE-NE0009049 | Shirvan /Koroush | 07/01/21 | 08/16/22 | 25,007 | 24,559 | (448) |
| | | 6946091 | C | P151002 | 1-R35-GM141834-01 | Schwartz /Thomas | 09/01/21 | 08/31/22 | 149,007 | 146,078 | (2,929) |
| | | 6946106 | C | P402000 | 5-R35-CA242379-03 | Vander Heiden /Matthew G. | 09/01/21 | 08/31/22 | 207,832 | 136,630 | (71,202) |
| | | 6946136 | C | P067952 | 1R35GM141861-01 | Berger Leighton /Bonnie | 06/01/21 | 05/31/22 | 106,429 | 98,341 | (8,088) |
| | | 6946151 | C | P418101 | 1-R35 -GM142634-01 | Calo Velazquez /Eliezer | 07/01/21 | 05/31/22 | 135,300 | 132,973 | (2,327) |
| | | 6946154 | C | P402000 | 7DP5OD026369-04 | Knouse /Kristin Ann | 09/01/21 | 08/31/22 | 116,497 | 114,494 | (2,004) |
| | | 6946166 | C | P159300 | 1-R01-MH126351-01 REVISED | Sur /Mriganka | 04/01/21 | 01/31/23 | 55,192 | 32,148 | (23,044) |
| | | 6946192 | C | P068000 | DE-FE0032102 | Yildiz /Bilge | 10/01/21 | 09/30/23 | 31,534 | 34,784 | 3,250 |
| | | 6946194 | C | P400600 | 5-U24-OD026638-04 | Feng /Guoping | 08/01/20 | 07/31/21 | 0 | 0 | 0 |
| | | 6946198 | C | P400600 | 5-U24-OD026638-04 | Feng /Guoping | 08/01/20 | 07/31/22 | 0 | 0 | 0 |
| | | 6946203 | C | P402000 | AGREEMENT DATE 5/1/21 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/24 | 31,412 | 20,690 | (10,723) |
| | | 6946222 | C | P165000 | 2-R01-CA080024-24 | Essigmann /John M | 07/01/21 | 06/30/22 | 26,286 | 26,286 | 0 |
| | | 6946229 | C | P031000 | DE-FE0032082 | Goulthorpe /Mark | 10/01/21 | 09/30/22 | 2,619 | 2,613 | (6) |
| | | 6946263 | C | P069201 | 1-U01-CA265706-01 | Weiss /Ron | 09/20/21 | 08/31/22 | 30,171 | 65,275 | 35,104 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946266 | C | P159300 | 4-UG3-NS115064-02 | Tsai /Li-Huei | 06/22/21 | 05/31/22 | 24,659 | 23,724 | (936) |
| | | 6946268 | C | P400600 | 1-UG3-MH126869-01 | Feng /Guoping | 09/01/21 | 06/30/22 | 0 | 85,831 | 85,831 |
| | | 6946286 | C | P267500 | 1-DP1-AT011991-01 | Anikeeva /Polina Olegovna | 09/01/21 | 07/31/22 | 146,495 | 182,149 | 35,654 |
| | | 6946342 | C | P151075 | 1-DP2-GM146254-01 | Vos /Seychelle M | 09/21/21 | 08/31/24 | 25,210 | 26,722 | 1,512 |
| | | 6946357 | C | P159300 | 1-R01-AT011460-01 | Tsai /Li-Huei | 05/15/21 | 04/30/23 | 16,453 | 14,659 | (1,793) |
| | | 6946380 | C | P066000 | DMR-2117609 | Lebeau /James M | 09/01/21 | 08/31/23 | 0 | 299,587 | 299,587 |
| | | 6946421 | C | P159300 | NDT_21_01 | Bear /Mark | 09/01/21 | 08/31/22 | 0 | 32,148 | 32,148 |
| | | 6946449 | C | P159300 | 1-R01-AG070831-01 | Tsai /Li-Huei | 09/15/21 | 06/30/22 | 23,393 | 24,432 | 1,039 |
| | | 6946458 | C | P267500 | A009091801 | Bulovic /Vladimir | 08/01/21 | 07/31/23 | 0 | 66,616 | 66,616 |
| | | 6946469 | C | P402000 | 5-R01-CA233983-02 | Jacks /Tyler E | 12/01/19 | 11/30/22 | 14,894 | 19,666 | 4,772 |
| | | 6946492 | C | P243021 | 5-R01-GM137138-02 | Iwasa /Yukikazu | 08/01/20 | 07/31/22 | 0 | 20,000 | 20,000 |
| | | 6946494 | C | P061901 | 5-R01-GM049039-24 | Edelman /Elazer R | 07/01/16 | 06/30/21 | 52,522 | 52,078 | (444) |
| | | 6946504 | C | P159300 | 1-R01-AG074003-01 | Tsai /Li-Huei | 09/30/21 | 05/31/22 | 11,018 | 24,618 | 13,600 |
| | | 6946559 | C | P417500 | EXHIBIT 1-A | Rutledge /Gregory C | 10/01/21 | 06/30/22 | 0 | 0 | 0 |
| | | 6946566 | C | P159300 | 1-R01-NS117588-01A1 | Littleton /J. Troy | 02/15/21 | 01/31/23 | 0 | 31,464 | 31,464 |
| | | 6946579 | C | P159300 | 2021-0590 | Tsai /Li-Huei | 09/15/21 | 08/31/24 | 11,696 | 12,402 | 706 |
| | | 6946607 | C | P417500 | S51900000052748 | Olivetti /Elsa A | 09/01/21 | 08/31/23 | 18,728 | 0 | (18,728) |
| | | 6946680 | C | P065004 | DE-FOA-0002322 | Karnik /Rohit | 09/01/21 | 02/28/22 | 0 | 32,024 | 32,024 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946684 | C | P402410 | 7601691 | Lienhard /John H | 12/10/21 | 09/30/23 | 0 | 0 | 0 |
| | | 6946756 | C | P264000 | 90589/2/1166708 | Kohse /Gordon E | 12/01/21 | 03/14/24 | 17,974 | 18,327 | 353 |
| | | 6946782 | C | P152000 | 50000655-5500001351 | Pentelute /Bradley L. | 08/01/21 | 07/31/22 | 37,816 | 37,073 | (743) |
| | | 6946791 | C | P402400 | AGREEMENT DATED 12/8/2021 | Fernandez /John | 12/08/21 | 06/07/23 | 14,134 | 52,315 | 38,181 |
| | | 6946849 | C | P069201 | 1-UG3-MH126868-01 | Jasanoff /Alan Pradip | 09/01/21 | 06/30/22 | 38,577 | 44,846 | 6,269 |
| | | 6946872 | C | P159300 | 168051-5119967 | Chung /Kwanghun | 09/17/21 | 09/16/22 | 0 | 69,118 | 69,118 |
| | | 6946896 | C | P159300 | 2000 G ZE943 | Chung /Kwanghun | 09/10/21 | 08/31/24 | 14,243 | 16,074 | 1,831 |
| | | 6946913 | C | P159300 | 2-R01-MH085802-11A1 | Sur /Mriganka | 04/13/21 | 01/31/23 | 32,068 | 32,148 | 80 |
| | | 6946914 | C | P159300 | 5001242-5500001658 | Heiman /Myriam | 09/01/21 | 06/30/22 | 39,003 | 38,577 | (426) |
| | | 6946924 | C | P154500 | 6(GG017143-07) | Fiete /Ila R | 08/15/21 | 07/31/22 | 68,149 | 77,155 | 9,006 |
| | | 6946941 | C | P402000 | 5-U54-CA217377-05 | Shalek /Alexander K | 05/01/21 | 04/30/23 | 3,443 | 5,130 | 1,687 |
| | | 6946961 | C | P402000 | 235663 | Yilmaz /Omer | 09/01/21 | 08/31/22 | 28,327 | 28,327 | 0 |
| | | 6946981 | C | P062000 | A008795401 | Roman /Yuriy | 06/01/21 | 05/31/24 | 0 | 98,348 | 98,348 |
| | | 6946995 | C | P159300 | PO# 2005303292 | Heiman /Myriam | 09/15/21 | 08/31/22 | 48,754 | 48,222 | (532) |
| | | 6947004 | C | P061905 | PO EP0182273 / 102188-00001-ELAZER_EDELMAN | Edelman /Elazer R | 05/01/18 | 04/30/22 | 143,480 | 144,198 | 719 |
| | | 6947047 | C | P151070 | 1-R35-GM144115-01 | Martin /Adam C | 01/01/22 | 12/31/22 | 75,246 | 75,246 | (0) |
| | | 6947048 | C | P159300 | 1-R21-MH130067-01 | Nedivi /Elly | 02/10/22 | 01/31/23 | 0 | 33,048 | 33,048 |
| | | 6947070 | C | P266300 | NA22OAR4170126 | Triantafyllou /Michael S | 02/01/22 | 01/31/23 | 446,012 | 735,931 | 289,920 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947078 | C | P062000 | UDR0000114 NMBL 1006 | Braatz /Richard D | 02/01/22 | 01/31/23 | 45,095 | 108,950 | 63,855 |
| | | 6947089 | C | P159300 | 1-R21-NS125396-01A1 | Nedivi /Elly | 03/01/22 | 02/28/23 | 33,151 | 32,858 | (293) |
| | | 6947093 | C | P400600 | AGRMT DATED 12/2/2020 | Jasanoff /Alan Pradip | 01/01/21 | 12/31/23 | 14,258 | 14,258 | 0 |
| | | 6947095 | C | P159300 | 1-R21-NS123499-01A1 | Bear /Mark | 03/01/22 | 02/28/23 | 0 | 35,148 | 35,148 |
| | | 6947149 | C | P062000 | 1-R21-GM141616-01 | Coley /Connor Wilson | 09/22/21 | 08/31/22 | 5,081 | 4,661 | (421) |
| | | 6947156 | C | P154000 | 5-U01-CA250554-02 | Berger Leighton /Bonnie | 07/01/21 | 06/30/22 | 32,716 | 0 | (32,716) |
| | | 6947178 | C | P402000 | 533468 | Chen /Jianzhu | 09/01/21 | 08/31/22 | 49,074 | 16,429 | (32,645) |
| | | 6947216 | C | P417500 | FA9550-22-1-0130 | Comin /Riccardo | 02/15/22 | 02/14/23 | 0 | 200,000 | 200,000 |
| | | 6947218 | C | P152000 | 60038340 MIT | Freedman /Danna Erit | 08/01/21 | 07/31/22 | 21,821 | 21,626 | (195) |
| | | 6947225 | C | P400600 | 2-R01-MH060379-21 | Graybiel /Ann M | 04/01/22 | 01/31/23 | 6,572 | 58,747 | 52,176 |
| | | 6947237 | C | P035000 | 58-6000-0-0051 | Glasmeier /Amy K | 08/14/20 | 07/31/22 | 5,385 | 5,385 | (0) |
| | | 6947266 | C | P402000 | 1-R01-FD007480-01 | Chen /Jianzhu | 09/01/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6947276 | C | P165000 | TBD | Engelward /Bevin P | 04/01/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947277 | C | P165000 | TBD | Essigmann /John M | 04/01/22 | 03/31/24 | 0 | 0 | 0 |
| | | 6947278 | C | P165000 | TBD | Plata /Desiree Louise | 04/01/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947281 | C | P165000 | TBD | Lauffenburger /Douglas A | 04/01/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947285 | C | P165000 | TBD | Essigmann /John M | 04/01/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947287 | C | P165000 | TBD | Furst /Ariel L | 04/01/22 | 03/31/23 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947319 | C | P068700 | AGMT DTD 04/06/2022 | Wu /Cathy | 01/01/22 | 12/31/23 | 14,180 | 14,180 | (0) |
| | | 6947351 | C | P159300 | 1-R01-AG069232-01A1 | Tsai /Li-Huei | 04/01/22 | 01/31/23 | 3,332 | 14,983 | 11,651 |
| | | 6947446 | C | P035000 | DE-EE0009211 | Zhao /Jinhua | 05/31/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947447 | C | P065005 | SUBAWARD# 125023 | Zhao /Xuanhe | 01/01/21 | 07/31/22 | 1,177 | 1,501 | 324 |
| | | 6947449 | C | P159300 | 1-R01-NS123120-01A1 | Brown /Emery Neal | 05/01/22 | 04/30/23 | 0 | 32,858 | 32,858 |
| | | 6947455 | C | P039000 | INN007 | Ekblaw /Ariel C | 10/01/21 | 09/30/22 | 20,019 | 20,000 | (19) |
| | | 6947460 | C | P152000 | 2-R35-GM122483-06 | Buchwald /Stephen Leffler | 06/01/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947465 | C | P159300 | 2-R01-EY023037-09A1 | Bear /Mark | 05/01/22 | 04/30/23 | 0 | 205,660 | 205,660 |
| | | 6947475 | C | P159300 | 1-R01-NS123120-01A1 | Brown /Emery Neal | 05/01/22 | 04/30/23 | 0 | 32,858 | 32,858 |
| | | 6947495 | C | P159300 | 1-R35-NS127327-01 | Heiman /Myriam | 05/01/22 | 04/30/23 | 0 | 0 | 0 |
| | | 6947547 | C | P035000 | SUBAWARD AGREEMENT DATED APRIL 1 2021/USDOE AWARD DE-EE009360 | Knox /Janelle K | 04/01/22 | 03/31/23 | 35,503 | 0 | (35,503) |
| | | 6947590 | C | P402000 | 5-P30-CA014051-51 | Vander Heiden /Matthew G. | 05/01/22 | 04/30/23 | 27,614 | 0 | (27,614) |
| | | 6947626 | C | P151054 | 2-R01-GM085319-13 | Burge /Christopher B | 05/10/22 | 03/31/23 | 3,604 | 25,332 | 21,728 |
| | | 6947652 | C | P165000 | TBD | White /Forest M | 04/01/22 | 03/31/23 | 0 | 0 | 0 |
| | | 6947665 | C | P165000 | 5-R35-ES028303-06 | Walker /Graham C | 06/01/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947682 | C | P069201 | 1-R01-HD110335-01 | Griffith /Linda G | 03/25/22 | 02/28/23 | 0 | 43,766 | 43,766 |
| | | 6947710 | C | P159300 | 5UH3NS115064-03 | Tsai /Li-Huei | 06/01/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947716 | C | P243020 | DE-AR0001542 | Whyte /Dennis G | 04/11/22 | 04/10/24 | 0 | 701,139 | 701,139 |
| | | 6947764 | C | P400600 | 704347 | Wang /Fan | 06/01/22 | 05/31/23 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947776 | C | P063007 | DE-AR0001527 | Plata /Desiree Louise | 03/05/22 | 06/02/25 | 0 | 401,223 | 401,223 |
| | | 6947777 | C | P402000 | 4-R00-GM140265-02 | Soto Feliciano /Yadira M. | 06/01/22 | 05/31/23 | 0 | 0 | 0 |
| | | 6947789 | C | P062000 | 1-R35-GM143033-01 | Galloway /Kate E | 08/01/21 | 07/31/22 | 48,502 | 86,383 | 37,881 |
| | | 6947861 | C | P159300 | 5-U01-AG066757-03 | Tsai /Li-Huei | 05/01/22 | 04/30/23 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **10,258,055** | **51,720,540** | **3,585,675** |
| 009990 Accounts Cancelled | 009990 Accounts Cancelled | 6919334 | C | P066000 | CANCELLED | Stellacci /Francesco | 03/01/09 | 03/01/09 | 0 | 0 | 0 |
| | | 6938400 | C | P266300 | NA18OAR4170105 | Chryssostomidis /Chryssostomo | 02/01/18 | 02/01/18 | 0 | 0 | 0 |
| | | 6939498 | C | P065012 | CCF-1231216 | Poggio /Tomaso A | 08/01/13 | 08/31/23 | 0 | 0 | 0 |
| | | 6941215 | C | P165000 | ACCOUNT CANCELLED | Nolan /Elizabeth Marie | 07/01/19 | 07/01/19 | 0 | 0 | 0 |
| | | 6943398 | C | P065004 | U16-001-RPP017 | Benjamin /Michael R | 04/25/20 | 04/25/20 | 0 | 0 | (5,000) |
| | | 6944574 | C | P065009 | ACCOUNT CANCELLED | Chen /Gang | 11/13/20 | 05/31/21 | (0) | 0 | 0 |
| | | 6945181 | C | P062000 | CANCELLED | Wood /Carol J | 04/01/21 | 08/31/21 | (35,180) | 0 | 0 |
| | | 6945451 | C | P243020 | CANCELLED | Woller /Kevin Benjamin | 05/01/21 | 07/31/21 | 0 | 0 | 0 |
| | | 6945560 | C | P417500 | CANCELLED | Wood /Carol J | 09/01/09 | 06/30/22 | 0 | 0 | 0 |
| | | 6945829 | C | P065004 | ACCOUNT CANCELLED | Kolle /Mathias | 09/01/21 | 09/01/21 | 0 | 0 | 0 |
| | | 6946007 | C | P061901 | ACCOUNT CANCELLED | Bhatia /Sangeeta N | 04/01/21 | 04/01/21 | 0 | 0 | 0 |
| | | 6946262 | C | P065005 | DE-EE0009679 | Wang /Evelyn | 10/01/21 | 10/01/21 | 0 | 0 | 0 |
| | | 6946467 | C | P267300 | ACCOUNT CANCELLED | Notaros /Jelena | 09/01/21 | 09/01/21 | 0 | 0 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946585 | C | P243020 | DE-SC0014264 | Marmar /Earl S | 07/01/21 | 08/31/22 | 0 | 0 | 0 |
| | | 6946786 | C | P061902 | | Greenberg /Julie E | 06/01/21 | 06/01/21 | 0 | 0 | 0 |
| | | 6946894 | C | P067952 | | Indyk /Piotr | 01/01/22 | 01/01/22 | 0 | 0 | 0 |
| | | 6947232 | C | P152000 | 60057508 MIT | Freedman /Danna Erit | 08/01/21 | 08/01/21 | 0 | 0 | 0 |
| | | 6947537 | C | P062000 | ACCOUNT CANCELLED | Hatton /Trevor Alan | 02/24/21 | 02/24/21 | 0 | 0 | 0 |
| | | 6947649 | C | P165000 | ACCOUNT CANCELLED | Furst /Ariel L | 04/01/22 | 04/01/22 | 0 | 0 | 0 |
| | | 6947770 | C | P061093 | ACCOUNT CANCELLED | Hastings /Daniel E | 07/10/20 | 07/10/20 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(35,180)** | **0** | **(5,000)** |
| 010004 Total S.A. | 010004 Total S.A. | 6918620 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Armstrong /Robert C | 09/01/08 | 08/31/24 | 0 | 115,654 | 115,654 |
| | | 6918621 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 RPP 1/6/10 | Malcolm /Alison E | 06/01/09 | 12/31/11 | 0 | 204,511 | 0 |
| | | 6918622 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 RPP 1/6/10 | Malcolm /Alison E | 01/01/10 | 12/31/14 | 0 | 814,230 | (0) |
| | | 6918623 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 RPP 1/6/10 | Demanet /Laurent | 06/01/10 | 08/31/24 | 245,468 | 4,795,905 | 266,015 |
| | | 6918624 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Fehler /Michael C | 06/01/10 | 05/31/15 | 0 | 499,994 | (0) |
| | | 6920479 | C | P320000 | PO 4505194092 | Sadoway /Donald Robert | 09/01/09 | 06/30/17 | 0 | 5,366,457 | 0 |
| | | 6921247 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 RPP 1/6/10 | van der Hilst /Robert D | 01/01/09 | 08/31/14 | 0 | 300,000 | 0 |
| | | 6921248 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 RPP 1/6/10 | van der Hilst /Robert D | 06/01/09 | 05/31/15 | 0 | 534,754 | 0 |
| | | 6922583 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 CODE D'IMPUTATION 40MS03002 | Gleason /Karen K | 10/01/10 | 12/31/12 | 0 | 263,419 | (0) |
| | | 6922672 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Malnati /Christine M | 09/01/09 | 08/31/13 | 0 | 400,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6923166 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Sadoway /Donald Robert | 11/18/10 | 04/01/11 | 0 | 25,015 | 0 |
| | | 6928772 | C | P320000 | TOTAL MITEI SUSTNG MBR 9/08, RPP, PO 1030139201 | Allen /Samuel Miller | 09/01/13 | 09/30/14 | 0 | 77,185 | (0) |
| | | 6929145 | C | P320000 | TOTAL MITEI SUSTNG MBR 9/08, RPP, PO 1030139201 | Allen /Samuel Miller | 09/01/13 | 04/15/14 | 0 | 17,680 | 0 |
| | | 6929611 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Hager /Bradford H | 04/01/14 | 12/31/20 | 0 | 0 | 0 |
| | | 6929612 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Hager /Bradford H | 04/01/14 | 03/31/18 | 0 | 3,263,118 | 0 |
| | | 6929613 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Einstein /Herbert H | 02/01/14 | 03/31/18 | 0 | 1,054,710 | (0) |
| | | 6929614 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Williams /John R | 04/01/14 | 12/31/20 | 0 | 981,938 | 0 |
| | | 6932960 | C | P320000 | TOTAL MITEI SUSTNG MBR 9/08, RP | Buonassisi /Anthony | 10/01/15 | 03/31/21 | (4,913) | 950,000 | (0) |
| | | 6936998 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Pellenq /Roland Jm | 07/01/17 | 12/31/20 | 0 | 1,496,659 | 34 |
| | | 6936999 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Pellenq /Roland Jm | 07/01/17 | 06/30/20 | 0 | 446,714 | (34) |
| | | 6938985 | C | P320000 | TOTAL MITEI SUSTAINING MEMBER AGT. 9/1/08 | Demanet /Laurent | 07/01/18 | 08/31/24 | 411,357 | 1,949,885 | 192,782 |
| | **Total by Primary Sponsor** | | | | | | | | **651,912** | **23,557,828** | **574,451** |
| 010022 Templeton Foundation | 005265 Boston College | 6940584 | C | P121012 | 5107321-03 | Rand /David Gertler | 12/03/18 | 12/02/21 | (0) | 314,669 | 0 |
| | 010022 Templeton Foundation | 6942148 | C | P402100 | ID# 61328 | Erdman /Susan E | 12/01/19 | 11/30/22 | 590,739 | 1,223,976 | 321,904 |
| | | 6942795 | C | P402100 | ID# 61328 | Alm /Eric J | 12/01/19 | 11/30/22 | 15,070 | 45,000 | 29,930 |
| | **Total by Primary Sponsor** | | | | | | | | **605,808** | **1,583,645** | **351,834** |
| 010031 Seoul National University | 010031 Seoul National University | 6943423 | C | P065005 | | Liu /Yuming | 05/01/20 | 04/30/22 | 102,446 | 256,985 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **102,446** | **256,985** | **0** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 010052 Singapore-MIT Alliance for Research and Technology Centre | 001139 National Research Foundation | 6916220 | C | P401862 | MOD8 | Dedon /Peter C | 01/01/18 | 12/31/22 | 0 | 10,085 | 10,085 |
| | | 6916222 | C | P165000 | | Dedon /Peter C | 01/01/18 | 12/31/22 | 360,219 | 593,051 | (52,077) |
| | | 6916223 | C | P069201 | | Alm /Eric J | 01/01/18 | 12/31/22 | 51,225 | 378,061 | 45,048 |
| | | 6916224 | C | P402012 | | Chen /Jianzhu | 01/01/18 | 12/31/22 | 66,337 | 481,479 | (18,357) |
| | | 6916225 | C | P069201 | | Lu /Timothy K | 01/01/18 | 12/31/22 | 44,006 | 224,195 | 38,309 |
| | | 6916226 | C | P069201 | | Sasisekharan /Ram | 01/01/18 | 12/31/22 | 87,176 | 372,059 | 30,907 |
| | | 6916227 | C | P062000 | | Hammond /Paula T | 01/01/18 | 12/31/22 | 90,062 | 283,262 | (17,505) |
| | | 6916228 | C | P062000 | | Sikes Johnson /Hadley | 01/01/18 | 12/31/22 | 87,240 | 337,816 | (5,666) |
| | | 6916229 | C | P165000 | | Dedon /Peter C | 01/01/18 | 12/31/22 | 232 | 164,904 | 151,471 |
| | | 6939999 | C | P267110 | MOD8 | Han /Jongyoon | 10/01/18 | 12/31/22 | 78,556 | 303,722 | (20,327) |
| | **Total by Primary Sponsor** | | | | | | | | **865,053** | **3,148,635** | **161,888** |
| 010063 Masdar Institute of Science and Technology | 010063 Masdar Institute of Science and Technology | 6938857 | C | P067952 | AGREEMENT DATED OCTOBER 25, 2011 | Williams /Brian C | 06/01/18 | 11/30/20 | (4,554) | 500,000 | (0) |
| | | 6938858 | C | P153000 | AGREEMENT DATED OCTOBER 25, 2011 | Marshall /John C | 06/01/18 | 12/31/21 | 42,542 | 473,070 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **37,988** | **973,070** | **0** |
| 010085 The Broad Institute, Inc. | 010085 The Broad Institute, Inc. | 6946897 | C | P067952 | 5400001215 | Berger Leighton /Bonnie | 02/01/22 | 06/30/22 | 16,321 | 16,672 | 351 |
| | **Total by Primary Sponsor** | | | | | | | | **16,321** | **16,672** | **351** |
| 010095 GS1 | 010095 GS1 | 6895760 | C | P065005 | RES. AGMT. EFF. 10/1/03 | Sarma /Sanjay E | 10/01/03 | 09/30/17 | 0 | 14,560,000 | (31,837) |
| | | 6937905 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 07/01/17 | 06/30/18 | 4,918 | 580,000 | (22,914) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939445 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 07/01/18 | 06/30/19 | 9,934 | 580,000 | (87,205) |
| | | 6941630 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 07/01/19 | 06/30/20 | 151 | 580,000 | 101,607 |
| | **Total by Primary Sponsor** | | | | | | | | **15,002** | **16,300,000** | **(40,348)** |
| 010100 Siemens Corporation, Corporate Technology | 010100 Siemens Corporation, Corporate Technology | 6934648 | C | P067952 | MIT_CKI-2016-CT-001-SHROBE | Okhravi /Hamed | 09/01/16 | 09/30/22 | 15,073 | 19,335 | 1,489 |
| | | 6934788 | C | P067952 | MIT_CKI-2016-CT-001-SHROBE | Shrobe /Howard E | 09/01/16 | 09/30/22 | 0 | 90,665 | 46,000 |
| | | 6939694 | C | P067952 | MIT_CKI-2018-CT-001-SOLAR-LEZAM A | Matusik /Wojciech | 06/01/18 | 09/15/19 | 8,359 | 111,576 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **23,432** | **221,576** | **47,489** |
| 010117 Thermo Fisher Scientific | 010117 Thermo Fisher Scientific | 6946604 | C | P402000 | AGREEMENT EFFECTIVE 9/1/21 | White /Forest M | 09/01/21 | 05/31/22 | 45,075 | 45,000 | (75) |
| | **Total by Primary Sponsor** | | | | | | | | **45,075** | **45,000** | **(75)** |
| 010165 Korea University | 010165 Korea University | 6941986 | C | P400600 | | Poggio /Tomaso A | 04/01/19 | 12/31/19 | 269 | 50,238 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **269** | **50,238** | **(0)** |
| 010193 Phillip T. and Susan M. Ragon Foundation | 006570 Massachusetts General Hospital | 6919709 | C | P402010 | MGH INTERNAL FUND #220568 | Irvine /Darrell J | 01/01/08 | 12/31/22 | (130,716) | 3,542,000 | 13,580 |
| | | 6919760 | C | P062000 | MGH INTERNAL FUND #220568 | Chakraborty /Arup K | 01/01/08 | 12/31/22 | 280,915 | 3,955,500 | 259,443 |
| | | 6942130 | C | P402000 | 234350 | Irvine /Darrell J | 04/01/19 | 09/30/21 | 23,748 | 362,875 | 0 |
| | | 6947244 | C | P402010 | MGH INTERNAL FUND #220568 | Irvine /Darrell J | 01/01/21 | 12/31/22 | 320,220 | 476,778 | 156,558 |
| | | 6947265 | C | P165000 | AGREEMENT 2021A015992/REF#239 | Pentelute /Bradley L. | 10/01/21 | 09/30/22 | 23,979 | 150,550 | 126,571 |
| | 010193 Phillip T. and Susan M. Ragon Foundation | 6942545 | C | P069201 | 234086 | Bryson /Bryan David | 01/01/19 | 04/30/20 | 15,213 | 15,213 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **533,358** | **8,502,916** | **556,152** |
| 010293 Shandong University | 010293 Shandong University | 6920143 | C | P159900 | SHANDONG UNIV-MIT COLLAB. AGR. 10/10/08 | Ting /Samuel | 10/10/08 | 12/31/22 | 0 | 797,268 | 0 |
| | | 6929234 | C | P159900 | SHANDONG UNIV-MIT COLLAB. AGR. 10/10/08 | Ting /Samuel | 11/01/13 | 12/31/22 | 54,038 | 1,502,717 | 12,187 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **54,038** | **2,299,985** | **12,187** |
| 010315 Lustgarten Foundation | 005817 Dana Farber Cancer Institute | 6942345 | C | P067952 | 6347801 | Barzilay /Regina | 05/15/19 | 04/30/22 | (35,963) | 109,193 | (18) |
| | | 6944983 | C | P067952 | 6347801 | Barzilay /Regina | 02/16/20 | 04/30/22 | 110,128 | 111,013 | 885 |
| | 010315 Lustgarten Foundation | 6938967 | C | P402000 | DEDICATED LAB AWARD 2018 | Jacks /Tyler E | 07/01/18 | 07/31/23 | 1,061,355 | 4,000,000 | (284) |
| | | 6945337 | C | P402000 | AGREEMENT DATE 5/1/21 | Vander Heiden /Matthew G. | 05/01/21 | 04/30/24 | 380,525 | 965,508 | 584,983 |
| | **Total by Primary Sponsor** | | | | | | | | **1,516,045** | **5,185,714** | **585,566** |
| 010327 Charles H Hood Foundation | 010327 Charles H. Hood Foundation | 6941064 | C | P061901 | AWARD DATED 7/1/19 | Roche /Ellen | 07/01/19 | 06/30/21 | 0 | 164,992 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **164,992** | **0** |
| 010341 RMC Research and Education Foundation | 010341 RMC Research and Education Foundation | 6920803 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 08/31/24 | 79,377 | 3,250,002 | 66,193 |
| | | 6920807 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 02/28/12 | 0 | 750,000 | (0) |
| | | 6921165 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/09 | 08/31/14 | 0 | 1,875,000 | (0) |
| | | 6924982 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/11 | 08/31/14 | 0 | 1,125,000 | (0) |
| | | 6930774 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/14 | 08/31/19 | 0 | 1,500,000 | (0) |
| | | 6930777 | C | P063075 | MASTER RESEARCH AGREEMENT 09/1/2009 | Ulm /Franz-Josef | 09/01/14 | 08/31/19 | 0 | 2,220,807 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **79,377** | **10,720,810** | **66,193** |
| 010361 Exelon Corporation | 010361 Exelon Corporation | 6934065 | C | P320000 | CONTRACT 01321297 / RELEASE 00( | Armstrong /Robert C | 04/01/16 | 05/31/23 | 0 | 22,114 | 22,114 |
| | | 6935259 | C | P320102 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 10/01/16 | 12/31/20 | 0 | 637,859 | 0 |
| | | 6935370 | C | P320106 | CONTRACT 01321297 / RELEASE 00( | Ghoniem /Ahmed F | 11/01/16 | 10/31/21 | 56,516 | 1,186,506 | 0 |
| | | 6935371 | C | P320106 | CONTRACT 01321297 / RELEASE 00( | Short /Michael P | 01/01/17 | 05/31/21 | 0 | 1,397,312 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935594 | C | P320102 | AGREEMENT EFFECTIVE 4/1/16 | Li /Ju | 10/01/16 | 12/31/20 | 0 | 650,250 | 0 |
| | | 6935595 | C | P320102 | AGREEMENT EFFECTIVE 4/1/16 | Tasan /Cemal | 10/01/16 | 12/31/20 | 0 | 653,219 | 0 |
| | | 6935774 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 11/01/16 | 10/31/20 | 0 | 728,320 | 0 |
| | | 6935968 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 01/01/17 | 03/31/21 | 0 | 750,926 | (0) |
| | | 6935969 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Bucci /Matteo | 01/01/17 | 04/30/20 | 0 | 761,475 | 0 |
| | | 6935970 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Wang /Evelyn | 01/01/17 | 12/31/20 | 0 | 749,416 | 0 |
| | | 6935971 | C | P264000 | AGREEMENT EFFECTIVE 4/1/16 | Hu /Lin-Wen | 01/01/17 | 12/31/20 | 0 | 786,273 | 0 |
| | | 6936682 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 06/01/17 | 10/31/19 | 0 | 5,278 | 0 |
| | | 6936940 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Reinhart /Christoph | 07/01/17 | 06/30/20 | 0 | 400,000 | (0) |
| | | 6937136 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Grossman /Jeffrey C. | 07/01/17 | 01/31/21 | 0 | 1,338,586 | (0) |
| | | 6938066 | C | P320106 | CONTRACT 01321297 / RELEASE 00( | Katabi /Dina | 12/01/17 | 11/30/21 | (92,181) | 1,050,736 | (0) |
| | | 6938300 | C | P320106 | CONTRACT 01321297 / RELEASE 00( | Forsberg /Charles W | 01/01/18 | 04/30/21 | 10,856 | 449,958 | (0) |
| | | 6938546 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Ghoniem /Ahmed F | 05/01/18 | 08/31/18 | 0 | 8,340 | 0 |
| | | 6938746 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 03/16/18 | 04/08/19 | 0 | 15,786 | 0 |
| | | 6939015 | C | P320102 | AGREEMENT EFFECTIVE 4/1/16 | Yildiz /Bilge | 06/01/18 | 10/01/18 | 0 | 9,638 | 0 |
| | | 6939554 | C | P264000 | AGREEMENT EFFECTIVE 4/1/16 | Hu /Lin-Wen | 08/01/18 | 12/31/18 | 0 | 46,772 | 0 |
| | | 6940271 | C | P320106 | CONTRACT 01321297 / RELEASE 00( | Katabi /Dina | 02/01/19 | 11/30/21 | 0 | 289,264 | 0 |
| | | 6940348 | C | P320106 | AGREEMENT EFFECTIVE 4/1/16 | Ghoniem /Ahmed F | 02/27/19 | 06/01/19 | 0 | 12,892 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940510 | C | P320000 | CONTRACT 01321297 / RELEASE 00( | Leeb /Steven B | 06/01/19 | 05/31/22 | 345,412 | 765,000 | 152 |
| | | 6941871 | C | P320000 | CONTRACT 01321297 / RELEASE 00( | Shirvan /Koroush | 10/01/19 | 05/31/23 | 125,942 | 750,000 | 287,920 |
| | **Total by Primary Sponsor** | | | | | | | | **446,545** | **13,465,921** | **310,186** |
| 010370 Charles G Koch Charitable Foundation | 010370 Charles G. Koch | 6946394 | C | P097500 | AWD.LTR. DTD. 10/28/2021 | Tirman /John | 10/01/21 | 09/30/22 | 30,648 | 50,000 | 19,352 |
| | **Total by Primary Sponsor** | | | | | | | | **30,648** | **50,000** | **19,352** |
| 010379 ENEL Ingegneria e Innovazione S.p.A | 010379 ENEL Ingegneria e Innovazione S.p.A | 6918390 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Armstrong /Robert C | 03/12/08 | 12/31/17 | 0 | 63,021 | 34,050 |
| | | 6918391 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Toksoz /M. Nafi | 06/01/08 | 05/31/11 | 0 | 0 | 0 |
| | | 6918392 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Mitsos /Alexander | 09/01/08 | 06/30/13 | 0 | 380,028 | 0 |
| | | 6918393 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Ghoniem /Ahmed F | 11/01/08 | 03/31/13 | 0 | 799,814 | (0) |
| | | 6918394 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Sclavounos /Paul D | 12/01/08 | 08/31/12 | 0 | 270,000 | 0 |
| | | 6918395 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 RPP 11/13/09 | Fisher /Peter H | 12/01/09 | 01/31/13 | 0 | 56,660 | 0 |
| | | 6918396 | C | P320000 | MASTER AGREEMENT | Herzog /Howard J | 07/01/09 | 12/31/13 | 0 | 131,923 | 0 |
| | | 6918398 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 RPP 11/13/09 | Buongiorno /Jacopo | 09/01/10 | 03/31/13 | 0 | 295,000 | (0) |
| | | 6919633 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Toksoz /M. Nafi | 09/30/08 | 05/31/11 | 0 | 150,000 | (0) |
| | | 6921276 | C | P065005 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Mitsos /Alexander | 11/01/08 | 12/31/12 | 0 | 204,242 | (0) |
| | | 6921589 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 RPP 11/13/09 | Fisher /Peter H | 02/01/10 | 06/30/12 | 0 | 25,102 | 0 |
| | | 6924865 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | O'Sullivan /Francis Martin | 09/01/11 | 08/31/12 | 0 | 99,973 | (0) |
| | | 6928714 | C | P320000 | ENEL MITEI SUSTAINING MEMBER AGT. 3/12/08 | Connors /Stephen Robert | 03/11/13 | 03/31/14 | 0 | 150,017 | 0 |
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|---|---|---|---|---|---|---|---|---|---|---|---|
| 010386 PayPal, In | 010386 PayPal, Inc. | 6946762 | C | P122070 | | Suri /Tavneet | 01/01/22 | 12/31/22 | 0 | 390,000 | 390,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **390,000** | **390,000** |
| 010449 Singapore University of Technology and Design | 010449 Singapore University of Technology and Design | 6921538 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 01/25/10 | 06/30/21 | 0 | 80,238 | 80,238 |
| | | 6922069 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 01/25/10 | 03/31/11 | 0 | 255,596 | 0 |
| | | 6922070 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/11 | 0 | 49,717 | 0 |
| | | 6922071 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 01/25/10 | 03/31/11 | 0 | 402,999 | (0) |
| | | 6922072 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Vandiver /John Kim | 01/25/10 | 04/30/11 | 0 | 354,150 | (0) |
| | | 6922073 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 01/25/10 | 03/31/11 | 0 | 188,827 | 0 |
| | | 6922074 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 01/25/10 | 03/31/11 | 0 | 13,873 | (0) |
| | | 6922075 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 01/25/10 | 03/31/11 | 0 | 174,969 | 0 |
| | | 6922076 | C | P067952 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kaelbling /Leslie P | 01/25/10 | 03/31/11 | 0 | 96,804 | 0 |
| | | 6922077 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 01/25/10 | 03/31/11 | 0 | 56,145 | 0 |
| | | 6922078 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Silbey /Susan S | 01/25/10 | 03/31/11 | 0 | 40,721 | 0 |
| | | 6922260 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 06/01/10 | 03/31/11 | 0 | 13,217 | 0 |
| | | 6922516 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Patera /Anthony T | 01/25/10 | 03/31/11 | 0 | 41,588 | 0 |
| | | 6923652 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 03/31/12 | 0 | 290,730 | 0 |
| | | 6923653 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/11 | 03/31/12 | 0 | 248,633 | (0) |
| | | 6923654 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/11 | 03/31/12 | 0 | 140,779 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6923655 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Vandiver /John Kim | 04/01/11 | 03/31/12 | 0 | 274,953 | (0) |
| | | 6923656 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 03/31/12 | 0 | 236,571 | 0 |
| | | 6923657 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/11 | 03/31/12 | 0 | 78,888 | 0 |
| | | 6923658 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 04/01/11 | 03/31/12 | 0 | 177,155 | 0 |
| | | 6923659 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 03/31/12 | 0 | 167,152 | 0 |
| | | 6923660 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 04/01/11 | 03/31/12 | 0 | 74,758 | 0 |
| | | 6923661 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Silbey /Susan S | 04/01/11 | 03/31/12 | 0 | 176,417 | 0 |
| | | 6923663 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 02/29/12 | 0 | 0 | 0 |
| | | 6923664 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Goulthorpe /Mark | 04/01/11 | 03/31/12 | 0 | 109,534 | 0 |
| | | 6923665 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Hunter /Ian | 04/01/11 | 03/31/12 | 0 | 256,284 | 0 |
| | | 6923666 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Jones /Graham M | 04/01/11 | 03/31/12 | 0 | 30,239 | 0 |
| | | 6923876 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Patera /Anthony T | 04/01/11 | 03/31/12 | 0 | 34,549 | 0 |
| | | 6924015 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 03/31/12 | 0 | 0 | 0 |
| | | 6924210 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/11 | 03/31/12 | 0 | 197,463 | (0) |
| | | 6924347 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 08/01/11 | 03/31/12 | 0 | 55,849 | 0 |
| | | 6924381 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 05/01/11 | 03/31/12 | 0 | 17,063 | 0 |
| | | 6925456 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/12 | 03/31/13 | 0 | 39,072 | (0) |
| | | 6925457 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/11 | 03/31/13 | 0 | 152,563 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6925458 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/11 | 08/31/12 | 0 | 8,392 | (0) |
| | | 6925459 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/11 | 03/31/13 | 0 | 74,112 | 0 |
| | | 6925460 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Hunter /Ian | 04/01/11 | 04/30/13 | 0 | 389,153 | 0 |
| | | 6925461 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/11 | 03/31/13 | 0 | 41,984 | 0 |
| | | 6925462 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Vandiver /John Kim | 04/01/12 | 03/31/13 | 0 | 221,767 | 0 |
| | | 6925463 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/12 | 03/31/13 | 0 | 116,035 | (0) |
| | | 6925464 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/12 | 03/31/13 | 0 | 103,849 | (0) |
| | | 6925465 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Patera /Anthony T | 04/01/12 | 03/31/13 | 0 | 48,723 | 0 |
| | | 6925466 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 04/01/12 | 03/31/13 | 0 | 136,819 | 0 |
| | | 6925467 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/12 | 03/31/13 | 0 | 82,418 | (0) |
| | | 6925468 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kaelbling /Leslie P | 04/01/12 | 03/31/13 | 0 | 157,730 | (0) |
| | | 6925469 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Maes /Patricia | 04/01/12 | 03/31/13 | 0 | 91,272 | (0) |
| | | 6925470 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 04/01/12 | 03/31/13 | 0 | 50,401 | 0 |
| | | 6925471 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Silbey /Susan S | 04/01/12 | 03/31/13 | 0 | 145,994 | 0 |
| | | 6926357 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/12 | 03/31/13 | 0 | 18,536 | 0 |
| | | 6926957 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/13 | 03/31/14 | 0 | 59,809 | (0) |
| | | 6926958 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 220,923 | 0 |
| | | 6926959 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 154,159 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6926960 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 164,007 | (0) |
| | | 6926961 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 267,253 | 0 |
| | | 6926962 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 47,514 | (0) |
| | | 6926963 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 128,576 | 0 |
| | | 6926964 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/13 | 03/31/14 | 0 | 130,100 | (0) |
| | | 6926966 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 130,909 | 0 |
| | | 6926967 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 09/30/13 | 0 | 36,117 | (0) |
| | | 6926968 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 129,934 | (0) |
| | | 6926969 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 116,009 | 0 |
| | | 6926970 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 01/31/14 | 0 | 130,000 | 0 |
| | | 6927689 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 26,513 | 0 |
| | | 6927690 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 27,847 | 0 |
| | | 6927970 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 58,318 | (0) |
| | | 6927971 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 56,658 | (0) |
| | | 6928031 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 22,366 | (0) |
| | | 6928032 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 37,151 | 0 |
| | | 6928033 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 04/01/13 | 03/31/14 | 0 | 81,156 | 0 |
| | | 6928925 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Tibbits /Skylar | 04/01/13 | 03/31/14 | 0 | 58,164 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928926 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Nagakura /Takehiko | 04/01/13 | 03/31/14 | 0 | 38,372 | 0 |
| | | 6929576 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 59,297 | (0) |
| | | 6929577 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 183,206 | (0) |
| | | 6929578 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 115,399 | 0 |
| | | 6929579 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 33,000 | 0 |
| | | 6929580 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 72,107 | (0) |
| | | 6929581 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 12,424 | (18) |
| | | 6929582 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 198,664 | 0 |
| | | 6929583 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 40,001 | 0 |
| | | 6929584 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 39,525 | 0 |
| | | 6929585 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 13,236 | 79 |
| | | 6929586 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 168,661 | 0 |
| | | 6929587 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 197,156 | (0) |
| | | 6929588 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 02/28/15 | 0 | 35,740 | 0 |
| | | 6929589 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 131,453 | 0 |
| | | 6929590 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 24,475 | (0) |
| | | 6929591 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 139,021 | (0) |
| | | 6929592 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 30,400 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929593 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 159,518 | 0 |
| | | 6929594 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 151,756 | 0 |
| | | 6929595 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 73,860 | 0 |
| | | 6929596 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 129,356 | 0 |
| | | 6929597 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 03/31/15 | 0 | 39,950 | 0 |
| | | 6929598 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 01/25/10 | 02/28/15 | 0 | 109,156 | 0 |
| | | 6929628 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Frey /Daniel | 01/01/14 | 03/31/14 | 0 | 8,534 | 0 |
| | | 6929675 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/14 | 12/31/14 | 0 | 20,000 | 0 |
| | | 6930864 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/14 | 03/31/15 | 0 | 25,850 | 0 |
| | | 6931569 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 57,971 | 57,971 |
| | | 6931570 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 198,069 | (0) |
| | | 6931571 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 195,126 | (154) |
| | | 6931572 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 213,220 | (0) |
| | | 6931573 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 236,426 | (0) |
| | | 6931574 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 198,485 | (0) |
| | | 6931575 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kim /Sang-Gook | 04/01/15 | 04/30/16 | 0 | 204,081 | (0) |
| | | 6931576 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 178,233 | 0 |
| | | 6931577 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 124,775 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6931578 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 178,439 | 0 |
| | | 6931627 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 82,054 | 0 |
| | | 6931628 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 47,982 | 0 |
| | | 6931629 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 34,989 | 0 |
| | | 6931630 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fernandez /John | 04/01/15 | 03/31/16 | 0 | 31,950 | 0 |
| | | 6933747 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Nagakura /Takehiko | 04/01/16 | 04/12/17 | 0 | 192,739 | 0 |
| | | 6933748 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 201,152 | (0) |
| | | 6933749 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 198,641 | 0 |
| | | 6933750 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 191,846 | (0) |
| | | 6933751 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 178,083 | 0 |
| | | 6933752 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Kim /Sang-Gook | 04/01/16 | 04/28/17 | 0 | 199,989 | (0) |
| | | 6933753 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 05/10/17 | 0 | 200,000 | (0) |
| | | 6933754 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 78,680 | 0 |
| | | 6933755 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Brisson /John G | 04/01/16 | 03/31/17 | 0 | 184,187 | (0) |
| | | 6933756 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Short /Michael P | 04/01/16 | 03/31/17 | 0 | 86,437 | 0 |
| | | 6933757 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Yang /Maria | 04/01/16 | 03/31/17 | 0 | 75,000 | 0 |
| | | 6933758 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Jackson /Daniel | 04/01/16 | 03/31/17 | 0 | 74,967 | 0 |
| | | 6933759 | C | P414000 | COLLABORATION AGMT DTD 1/25/2010 | Magee /Christopher L | 04/01/16 | 03/31/17 | 0 | 75,813 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935838 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Nagakura /Takehiko | 04/01/17 | 04/06/18 | 0 | 200,000 | (0) |
| | | 6935839 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/17 | 03/31/18 | 0 | 268,109 | 0 |
| | | 6935840 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mazereeuw /Miho | 04/01/17 | 03/31/18 | 0 | 200,000 | (0) |
| | | 6935841 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/17 | 04/30/18 | 0 | 200,036 | 0 |
| | | 6935842 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 04/01/17 | 03/31/18 | 0 | 221,801 | 0 |
| | | 6935843 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kim /Sang-Gook | 04/01/17 | 03/31/18 | 0 | 198,175 | 0 |
| | | 6935844 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 04/01/17 | 03/31/18 | 0 | 199,370 | (0) |
| | | 6935845 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fischer /Michael M. J. | 04/01/17 | 03/31/18 | 0 | 166,833 | 0 |
| | | 6935846 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Brisson /John G | 04/01/17 | 04/30/18 | 0 | 282,926 | (0) |
| | | 6935847 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Short /Michael P | 04/01/17 | 03/31/18 | 0 | 0 | 0 |
| | | 6935848 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Yang /Maria | 04/01/17 | 04/30/18 | 0 | 74,705 | 0 |
| | | 6935849 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Jackson /Daniel | 04/01/17 | 03/31/18 | 0 | 74,073 | 0 |
| | | 6935850 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Brisson /John G | 04/01/17 | 04/30/18 | 0 | 97,818 | 0 |
| | | 6937127 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Short /Michael P | 04/01/17 | 01/01/18 | 0 | 75,923 | 0 |
| | | 6937492 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Nagakura /Takehiko | 04/01/18 | 04/08/19 | 0 | 197,824 | 0 |
| | | 6937731 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/18 | 03/31/19 | 0 | 256,526 | (0) |
| | | 6937732 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mazereeuw /Miho | 04/01/18 | 04/08/19 | 0 | 198,193 | (0) |
| | | 6937733 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/18 | 03/31/19 | 0 | 198,390 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937734 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 04/01/18 | 03/31/19 | 0 | 200,014 | 0 |
| | | 6937735 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kim /Sang-Gook | 04/01/18 | 03/31/19 | 0 | 201,206 | 0 |
| | | 6937736 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 04/01/18 | 03/31/19 | 0 | 199,994 | 0 |
| | | 6937737 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fischer /Michael M. J. | 04/01/18 | 03/31/19 | 0 | 150,455 | (0) |
| | | 6937738 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Brisson /John G | 04/01/18 | 04/08/19 | 0 | 96,754 | 0 |
| | | 6937739 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Short /Michael P | 04/01/18 | 03/31/19 | 0 | 75,209 | (0) |
| | | 6937740 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Yang /Maria | 04/01/18 | 03/31/19 | 0 | 74,991 | 0 |
| | | 6937741 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Jackson /Daniel | 04/01/18 | 03/31/19 | 0 | 74,720 | 0 |
| | | 6937742 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Brisson /John G | 04/01/18 | 03/31/19 | 0 | 131,523 | 0 |
| | | 6938791 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mazereeuw /Miho | 04/01/18 | 03/31/19 | 0 | 7,750 | 0 |
| | | 6939639 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mueller /Stefanie | 07/01/18 | 03/31/19 | 0 | 47,650 | 0 |
| | | 6940435 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 124,627 | 60,064 |
| | | 6940436 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Nagakura /Takehiko | 04/01/19 | 06/30/20 | 0 | 207,685 | 0 |
| | | 6940437 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 283,127 | 0 |
| | | 6940438 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mazereeuw /Miho | 04/01/19 | 05/31/20 | 0 | 207,185 | (0) |
| | | 6940439 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Willcox /Karen E | 04/01/19 | 06/30/20 | 0 | 206,844 | 0 |
| | | 6940440 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Sass /Lawrence | 04/01/19 | 06/30/20 | 0 | 207,427 | 0 |
| | | 6940441 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Kim /Sang-Gook | 04/01/19 | 06/30/20 | 0 | 204,776 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940442 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Fischer /Michael M. J. | 04/01/19 | 05/31/20 | 0 | 207,499 | 0 |
| | | 6940443 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Yang /Maria | 04/01/19 | 06/30/20 | 0 | 75,000 | (0) |
| | | 6940444 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Short /Michael P | 04/01/19 | 06/30/20 | 0 | 74,215 | 0 |
| | | 6940445 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Jackson /Daniel | 04/01/19 | 05/31/20 | 0 | 75,474 | 0 |
| | | 6940446 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mueller /Stefanie | 04/01/19 | 05/31/20 | 0 | 74,735 | 0 |
| | | 6940448 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 6,720 | 0 |
| | | 6940449 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | de Neufville /Richard L | 04/01/19 | 06/30/20 | 0 | 207,056 | 0 |
| | | 6940499 | C | P067952 | SUBAWARD DATED 23 MAY 2019 PROJECT ASTRALIS | Rus /Daniela L | 07/01/19 | 10/14/22 | 725,736 | 850,000 | 85,874 |
| | | 6940521 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 6,360 | 0 |
| | | 6940522 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Brisson /John G | 04/01/19 | 06/30/20 | 0 | 0 | 0 |
| | | 6940524 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 47,655 | 0 |
| | | 6940525 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Magee /Christopher L | 04/01/19 | 06/30/20 | 0 | 12,902 | 0 |
| | | 6941031 | C | P067952 | AGREEMENT DTD. 05/23/2019 | Kaelbling /Leslie P | 07/01/19 | 10/14/22 | 100,780 | 300,000 | 98,153 |
| | | 6941363 | C | P414000 | COLLABORATION AGREEMENT DATED 1/25/2010 | Mazereeuw /Miho | 04/01/19 | 05/31/20 | 0 | 313 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **826,516** | **22,218,183** | **382,207** |
| 010479 The Deshpande Foundation | 010479 The Deshpande Foundation | 6934709 | C | P267111 | DESHPANDE MOU | Gray /Martha L | 09/01/16 | 08/31/18 | 0 | 175,000 | 0 |
| | | 6941280 | C | P065004 | DESHPANDE MOU | Boriskina /Svetlana V | 09/01/19 | 08/21/22 | 8,313 | 100,000 | 11,780 |
| | 999903 MIT - Deshpande Center | 6934678 | C | P069201 | DESHPANDE MOU | Blainey /Paul C | 09/01/16 | 08/31/19 | 0 | 136,814 | 0 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **8,313** | **411,814** | **11,780** |
| 010487 ArcelorMittal Isbergues Research Center | 010487 ArcelorMittal Isbergues Research Center | 6939268 | C | P065004 | PO 6085701932 | Hart /Anastasios John | 07/01/18 | 12/31/19 | (411) | 205,535 | (0) |
| | | 6940508 | C | P065004 | PO 6085701932 | Hart /Anastasios John | 02/22/19 | 12/31/19 | 391 | 5,029 | 0 |
| | | 6940509 | C | P065004 | PO 6085701932 | Hart /Anastasios John | 02/21/19 | 12/31/19 | 0 | 24,095 | 0 |
| | | 6940688 | C | P065004 | PO 6085701932 | Hart /Anastasios John | 04/29/19 | 12/31/19 | 0 | 35,285 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(21)** | **269,944** | **(0)** |
| 010509 GS1 US | 010509 GS1 US | 6937845 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 12/21/17 | 09/30/22 | (14,954) | 0 | 0 |
| | | 6944576 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 07/01/20 | 06/30/21 | 4,911 | 580,000 | 44,873 |
| | | 6946144 | C | P065005 | AGMT DTD. 12/21/2017 | Sarma /Sanjay E | 07/01/21 | 09/30/22 | 418,306 | 580,000 | 161,694 |
| | **Total by Primary Sponsor** | | | | | | | | **408,263** | **1,160,000** | **206,567** |
| 010529 Sanofi US Service Inc | 010529 Sanofi US Service Inc | 6939830 | C | P067952 | PO# E001742173 | Katabi /Dina | 02/08/19 | 12/31/21 | 189,515 | 190,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **189,515** | **190,000** | **0** |
| 010577 The Pew Charitable Trusts | 010577 The Pew Charitable Trusts | 6939175 | C | P402000 | 32024 | Birnbaum /Michael E | 02/12/19 | 07/31/23 | 69,925 | 300,000 | 9,910 |
| | | 6939289 | C | P061901 | 00032027 | Shalek /Alexander K | 02/12/19 | 07/31/23 | 768 | 300,000 | 43,898 |
| | | 6941372 | C | P402000 | 33048 | Spranger-Zimmermann /Stefani | 08/14/19 | 07/31/24 | 126,603 | 300,000 | 11,654 |
| | | 6946219 | C | P069201 | 35305 | Hansen /Anders Sejr | 08/01/21 | 07/31/22 | 10,995 | 75,000 | 64,005 |
| | **Total by Primary Sponsor** | | | | | | | | **208,291** | **975,000** | **129,468** |
| 010585 PHRMA Foundation | 010585 PHRMA Foundation | 6947533 | C | P065005 | | Raman /Ritu | 07/01/22 | 06/30/23 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **100,000** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 010593 Smith Family Awards Program for Excellence in Biomedical Resea | 010593 Smith Family Awards Program for Excellence in Biomedica Resear | 6939986 | C | P061901 | AGREEMENT DATED 12/1/2018 | Lieberman /Tami Danielle | 12/01/18 | 11/30/21 | 59,685 | 292,021 | (0) |
| | | 6944039 | C | P151073 | AGMT. DTD AUGUST 10, 2020 | Li /Gene-Wei | 09/01/20 | 08/31/22 | 90,607 | 300,000 | 93,550 |
| | **Total by Primary Sponsor** | | | | | | | | **150,292** | **592,021** | **93,550** |
| 010615 Pontificia Universidad Catolica de Chile | 010615 Pontificia Universidad Catolica de Chile | 6938992 | C | P035000 | MOU DATED 1/1/2017 | Zegras /Pericles C | 01/01/17 | 05/31/22 | 67,824 | 385,000 | 3,231 |
| | **Total by Primary Sponsor** | | | | | | | | **67,824** | **385,000** | **3,231** |
| 010631 MedImmune, LLC | 010631 MedImmune, LL | 6931777 | C | P062000 | P.O. 1700026971 | Trout /Bernhardt L | 03/01/15 | 02/27/22 | 5,669 | 900,000 | 3,601 |
| | | 6934399 | C | P039010 | PO 1700054203 | Picard /Rosalind W. | 07/01/16 | 12/31/18 | 0 | 297,176 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **5,669** | **1,197,176** | **3,601** |
| 010647 Ferrovial Corporacion, S.A | 010647 Ferrovial Corporacion, S.A | 6932771 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Armstrong /Robert C | 01/01/16 | 01/15/22 | 0 | 9,956 | 9,956 |
| | | 6938607 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Ben-Akiva /Moshe E | 06/01/18 | 01/15/22 | 50,746 | 598,179 | 0 |
| | | 6939739 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Buehler /Markus J | 09/01/18 | 05/31/21 | 0 | 327,361 | (0) |
| | | 6941804 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Pentland /Alex Paul | 09/01/19 | 08/31/21 | 27,987 | 353,547 | (0) |
| | | 6942934 | C | P320000 | AGREEMENT DTD. 03/06/2020 | Ben-Akiva /Moshe E | 01/15/20 | 07/14/21 | 2,655 | 209,833 | 0 |
| | | 6943147 | C | P320000 | AGREEMENT DTD. 03/06/2020 | Ben-Akiva /Moshe E | 06/01/20 | 01/15/22 | 139,334 | 251,180 | (0) |
| | | 6944598 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Armstrong /Robert C | 01/01/21 | 12/31/25 | 0 | 469,258 | 469,258 |
| | | 6945743 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Lienhard /John H | 07/01/21 | 06/30/23 | 41,257 | 308,947 | 267,690 |
| | | 6946867 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Palacios /Tomas | 12/01/21 | 11/30/23 | 83,237 | 200,000 | 116,763 |
| | | 6946954 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Lienhard /John H | 09/01/21 | 06/30/23 | 5,642 | 13,053 | 7,411 |
| | | 6947618 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Whittle /Andrew | 06/01/22 | 05/31/25 | 0 | 147,328 | 147,328 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947748 | C | P320000 | FERROVIAL MITEI ASSOCIATE MEMBER AGREEMENT DTD. 11/17/2020 | Ben-Akiva /Moshe E | 05/01/22 | 04/30/24 | 0 | 391,069 | 391,069 |
| | **Total by Primary Sponsor** | | | | | | | | **350,859** | **3,279,711** | **1,409,474** |
| 010659 CHDI Management | 010659 CHDI Management | 6927026 | C | P400600 | A-5552 | Graybiel /Ann M | 09/01/12 | 06/30/22 | 808,009 | 9,788,902 | (2,551,284) |
| | | 6927027 | C | P400600 | A-5552 | Graybiel /Ann M | 09/01/12 | 06/30/22 | 214,339 | 2,845,921 | (1,101,654) |
| | | 6942368 | C | P069201 | AGMT DATED 1/1/20 | Fraenkel /Ernest | 01/01/20 | 04/30/22 | 215,193 | 347,450 | (108,865) |
| | | 6942682 | C | P039020 | A-15331 | Jacobson /Joseph | 01/01/20 | 12/31/21 | 24,258 | 81,356 | (52,406) |
| | | 6943050 | C | P039020 | A-15331 | Jacobson /Joseph | 01/01/20 | 12/31/21 | 7,190 | 145,389 | 88,841 |
| | | 6944263 | C | P400600 | 15746 | Feng /Guoping | 03/01/21 | 02/28/23 | 343,936 | 902,335 | 449,070 |
| | **Total by Primary Sponsor** | | | | | | | | **1,612,925** | **14,111,354** | **(3,276,297)** |
| 010671 Universiti Teknologi MARA | 010671 Universiti Teknologi MARA | 6923267 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 0 | 14,002,113 | 10,273,229 |
| | | 6923308 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 22,272 | 1,680,000 | 51,425 |
| | | 6923309 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 0 | 1,330,000 | 58,811 |
| | | 6923310 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 0 | 1,520,000 | 139,816 |
| | | 6923311 | C | P069501 | AGMT DTD 1/14/11 | Caplice /Christopher | 01/14/11 | 01/13/21 | 0 | 176,731 | 0 |
| | | 6923312 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/13/21 | 0 | 96,630 | (0) |
| | | 6923313 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/13/21 | 0 | 581,032 | 0 |
| | | 6923314 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/13/21 | 0 | 67,552 | 0 |
| | | 6923315 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 1,393 | 465,000 | 69,115 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6923316 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/13/21 | 0 | 19,198 | 0 |
| | | 6923317 | C | P069501 | AGMT DTD 1/14/11 | Sheffi /Yosef | 01/14/11 | 01/31/26 | 0 | 180,000 | 20,473 |
| | **Total by Primary Sponsor** | | | | | | | | **23,665** | **20,118,255** | **10,612,867** |
| 010693 Department for International Development (UK) | 109132 The British Council | 6944647 | C | P091020 | AGMT. DTD. 12/29/20 | Banerjee /Abhijit | 10/01/19 | 12/31/21 | 335,457 | 860,365 | 28,276 |
| | | 6945285 | C | P091020 | AGMT. DTD. 12/29/20 | Banerjee /Abhijit | 01/01/21 | 12/31/21 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **335,457** | **860,365** | **28,276** |
| 010696 Nissan North America Inc. | 010696 Nissan North America Inc. | 6947042 | C | P065005 | PO 9200002872/CONTRACT NUMBEF NI24886 | McKinley /Gareth H | 03/15/22 | 03/14/23 | 14,797 | 154,243 | 139,446 |
| | **Total by Primary Sponsor** | | | | | | | | **14,797** | **154,243** | **139,446** |
| 010704 Rett Syndrome Research Trust | 010704 Rett Syndrome Research Trust | 6943585 | C | P039020 | AGREEMENT DATED 7/17/2020 | Jacobson /Joseph | 12/01/19 | 08/31/21 | 7,636 | 50,000 | 8,741 |
| | **Total by Primary Sponsor** | | | | | | | | **7,636** | **50,000** | **8,741** |
| 010711 Janssen Pharmaceutica NV | 006570 Massachusetts General Hospital | 6944985 | C | P061901 | 235127 | Shalek /Alexander K | 02/01/20 | 05/31/20 | 0 | 21,933 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **21,933** | **0** |
| 010722 Panasonic Corporation | 010722 Panasonic Corporation | 6943599 | C | P152000 | AGMT. DTD. 04/10/18 | Johnson /Jeremiah A. | 04/01/20 | 02/28/21 | (1,833) | 40,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(1,833)** | **40,000** | **(0)** |
| 010743 Swiss National Science Foundation | 010743 Swiss National Science Foundation | 6942844 | C | P066000 | BSSGI0_155986 | Rupp /Jennifer Lilia Marguerit | 01/01/20 | 12/31/20 | (12,479) | 98,058 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(12,479)** | **98,058** | **(0)** |
| 010756 Skolkovo Foundation | 011628 Skolkovo Institu of Science and Technology | 6943636 | C | P061093 | 7207 | Wardle /Brian L | 07/01/20 | 08/25/22 | 261,988 | 592,192 | 21,593 |
| | | 6943639 | C | P417500 | 7207 | Rupp /Jennifer Lilia Marguerit | 07/01/20 | 08/25/22 | 322,571 | 586,617 | 55,221 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943640 | C | P417500 | 7207 | Jaramillo /Rafael | 07/01/20 | 08/25/22 | 289,273 | 512,739 | 47,235 |
| | | 6943641 | C | P151062 | 7207 | Laub /Michael T | 07/01/20 | 08/25/22 | 267,317 | 592,192 | 84,285 |
| | | 6943646 | C | P067952 | 7207 | Solomon /Justin | 07/01/20 | 08/25/22 | 661,728 | 753,699 | 45,115 |
| | | 6943648 | C | P068700 | 7207 | Dahleh /Munther A | 07/01/20 | 08/25/22 | 572,468 | 753,699 | 48,510 |
| | | 6943649 | C | P062000 | 7207 | Brushett /Fikile R | 07/01/20 | 08/25/22 | 316,010 | 468,671 | 68,986 |
| | | 6943650 | C | P065004 | 7207 | Deng /Sili | 04/01/20 | 06/30/22 | 119,395 | 200,000 | 14,411 |
| | | 6943675 | C | P065004 | 7207 | Hart /Douglas | 07/01/20 | 08/25/22 | 252,711 | 400,000 | 147,100 |
| | | 6943689 | C | P067952 | 7207 | Tidor /Bruce | 04/01/20 | 06/30/22 | 84,058 | 200,000 | 33 |
| | | 6943730 | C | P165000 | 7207 | Essigmann /John M | 04/01/20 | 06/30/22 | 137,072 | 200,000 | 16,675 |
| | | 6943731 | C | P068000 | 7207 | Yildiz /Bilge | 04/01/20 | 06/30/22 | 123,633 | 200,000 | (940) |
| | | 6943732 | C | P069201 | 7207 | Bryson /Bryan David | 04/01/20 | 06/30/22 | 124,118 | 156,534 | (11,354) |
| | | 6943733 | C | P066000 | 7207 | Hu /Juejun | 04/01/20 | 06/30/22 | 84,279 | 200,000 | (0) |
| | | 6943878 | C | P417500 | 7207 | Ju /Long | 07/01/20 | 08/25/22 | 32,224 | 160,956 | (8,997) |
| | | 6943938 | C | P065004 | 7207 | Anthony /Brian | 04/01/20 | 06/30/22 | 114,228 | 200,000 | (28,374) |
| | | 6943939 | C | P067952 | 7207 | Mueller /Stefanie | 04/01/20 | 06/30/22 | 148,709 | 200,000 | (390) |
| | | 6946660 | C | P417500 | 7207 | Ju /Long | 07/01/20 | 02/24/22 | 80,003 | 80,003 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,991,785** | **6,457,301** | **499,107** |
| 010760 William N. & Bernice E. Bumpus Foundation | 010760 William N. & Bernice E. Bumpus Foundation | 6936728 | C | P400600 | 2017.1.1 | Crittenden /Jill R | 07/01/17 | 02/28/21 | (302) | 316,666 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Foundation | | 6946759 | C | P400600 | BFIA 2022.1.1 | Matsushima /Ayano | 01/01/22 | 12/31/22 | 54,177 | 100,000 | 45,823 |
| | **Total by Primary Sponsor** | | | | | | | | **53,875** | **416,666** | **45,823** |
| 010761 Netflix Inc. | 010761 Netflix Inc. | 6946352 | C | P067952 | AGREMENT DATED 10/15/2021 | Torralba /Antonio | 09/01/21 | 08/31/22 | 129,813 | 109,024 | (20,789) |
| | **Total by Primary Sponsor** | | | | | | | | **129,813** | **109,024** | **(20,789)** |
| 010820 Ferrovial Servicios, S.A. | 010820 Ferrovial Servicios, S.A. | 6933565 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Lang /Jeffrey H | 01/01/16 | 01/31/18 | 0 | 237,564 | 0 |
| | | 6933974 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Sarma /Sanjay E | 04/01/16 | 07/15/18 | 0 | 349,759 | 0 |
| | | 6934078 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Ulm /Franz-Josef | 05/01/16 | 04/30/18 | 0 | 440,000 | (0) |
| | | 6934162 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Ben-Akiva /Moshe E | 06/01/16 | 05/31/18 | 0 | 335,517 | 0 |
| | | 6934515 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER | Lienhard /John H | 09/01/16 | 04/30/18 | 0 | 269,034 | 0 |
| | | 6936112 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER | Gonzalez /Marta C. | 03/01/17 | 10/31/18 | 0 | 148,419 | 0 |
| | | 6936708 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER | Lienhard /John H | 05/24/17 | 03/31/18 | 0 | 22,914 | 0 |
| | | 6937532 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Pellenq /Roland Jm | 10/01/17 | 02/29/20 | 0 | 354,942 | 0 |
| | | 6938514 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Hansman /Robert J | 06/01/18 | 05/31/20 | 0 | 256,610 | (0) |
| | | 6942097 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Karaman /Sertac | 09/01/19 | 08/31/21 | 62,911 | 349,407 | (0) |
| | | 6944126 | C | P320000 | FERROVIAL MITEI ASSOCIATEMEMBER AGR 1/1/2016 | Karaman /Sertac | 09/15/20 | 08/31/21 | (13) | 8,743 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **62,898** | **2,772,908** | **0** |
| 010851 Deloitte Services LP | 010851 Deloitte Service LP | 6928050 | C | P039010 | ESG SIG | Havasi /Catherine | 07/01/13 | 09/30/13 | 0 | 9,230 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **9,230** | **0** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 010857 Goldman Sachs Foundation | 010857 Goldman Sachs Foundation | 6942322 | C | P402000 | 641280 | Koehler /Angela Nicole | 08/19/19 | 08/18/21 | 46,647 | 200,000 | 0 |
| | | 6942325 | C | P402000 | 644371 | Yilmaz /Omer | 08/19/19 | 08/18/21 | 30,927 | 200,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **77,574** | **400,000** | **0** |
| 010875 Facebook, Inc. | 010875 Facebook, Inc. | 6940952 | C | P067952 | MIT-09012018-SARA / PO 1220454 | Isola /Phillip John | 05/15/19 | 05/14/21 | 8,452 | 300,000 | (0) |
| | | 6941462 | C | P067952 | MIT-09012018-SARA / PO 1220454 | Torralba /Antonio | 05/15/19 | 05/14/21 | 6,302 | 300,000 | (0) |
| | | 6942399 | C | P067952 | MIT-12192019-SARA / PO 1220454 | Isola /Phillip John | 05/15/20 | 06/15/23 | 186,294 | 600,000 | 206,611 |
| | | 6942863 | C | P067952 | MIT-12192019-SARA / PO 1220454 | Torralba /Antonio | 05/15/20 | 06/15/23 | 225,072 | 600,000 | 300,905 |
| | **Total by Primary Sponsor** | | | | | | | | **426,120** | **1,800,000** | **507,517** |
| 010876 Brain and Behavior Research Foundation | 010876 Brain and Behavior Research Foundation | 6944610 | C | P400600 | GRANT NO. - 29632 | Sohn /Hansem | 01/15/21 | 01/14/23 | 34,634 | 35,000 | (15,817) |
| | **Total by Primary Sponsor** | | | | | | | | **34,634** | **35,000** | **(15,817)** |
| 010882 Weichai Power Co Ltd | 010882 Weichai Power Co Ltd | 6942152 | C | P065009 | AGMT DTD. 01/01/2020 | Chen /Gang | 01/01/20 | 12/31/24 | 0 | 0 | 0 |
| | | 6942153 | C | P065009 | AGMT DTD. 01/01/2020 | Chen /Gang | 01/01/20 | 12/31/24 | 0 | 1,943,223 | 1,943,223 |
| | | 6942154 | C | P065009 | AGMT DTD. 01/01/2020 | Chen /Gang | 01/01/20 | 12/31/23 | 168,249 | 450,000 | 126,680 |
| | | 6943176 | C | P065005 | AGMT DTD. 01/01/2020 | Youcef-Toumi /Kamal | 07/01/20 | 06/30/23 | 217,202 | 911,777 | 503,336 |
| | | 6943229 | C | P065004 | AGMT DTD. 01/01/2020 | Deng /Sili | 07/01/20 | 09/30/22 | 380,309 | 570,200 | (16,195) |
| | | 6943232 | C | P065004 | AGMT DTD. 01/01/2020 | Barbastathis /George | 06/01/20 | 12/31/21 | 80,203 | 297,000 | 0 |
| | | 6943724 | C | P065005 | AGREEMENT DTD TBD | Tian /Tian | 09/01/20 | 02/28/23 | 209,324 | 400,000 | 38,535 |
| | | 6944242 | C | P065005 | AGMT DTD. 01/01/2020 | Deng /Sili | 10/01/20 | 06/30/22 | 24,355 | 29,800 | (12,766) |
| | **Total by Primary Sponsor** | | | | | | | | **1,079,642** | **4,602,000** | **2,582,813** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 010908 Susan Thompson Buffett Foundation | 010908 Susan Thompson Buffett Foundation | 6938471 | C | P091000 | AGREEMENT DATED 11/1/17 | Autor /David H | 11/01/17 | 06/30/23 | 273,162 | 2,087,855 | 232,233 |
| | | 6946675 | C | P091000 | AGREEMENT DATED 11/1/17 | Autor /David H | 01/01/22 | 12/31/22 | 36,551 | 651,361 | 614,810 |
| | **Total by Primary Sponsor** | | | | | | | | **309,714** | **2,739,216** | **847,042** |
| 010940 SABIC Global Technologies, B.V | 010940 SABIC Global Technologies, B.V. | 6929862 | C | P062000 | RPP 1: STEPHANOPOULOS P.O. 4501650669 | Stephanopoulos /Gregory | 05/01/14 | 04/30/18 | 0 | 598,593 | (0) |
| | | 6931956 | C | P062000 | RPP 2: GREEN | Green /William H | 03/25/15 | 06/30/17 | 0 | 350,706 | 0 |
| | | 6934555 | C | P065004 | RPP 3: GHONIEM | Ghoniem /Ahmed F | 11/01/16 | 10/31/17 | 0 | 231,247 | 0 |
| | | 6935860 | C | P062000 | RPP4: GREEN | Green /William H | 07/01/17 | 06/30/19 | 0 | 350,000 | 0 |
| | | 6938356 | C | P065004 | RPP EFFECTIVE 4/1/18 | Ghoniem /Ahmed F | 04/01/18 | 12/31/19 | (40) | 382,103 | (0) |
| | | 6941189 | C | P065004 | RPP EFFECTIVE 4/1/18 | Ghoniem /Ahmed F | 07/01/19 | 09/30/19 | 0 | 56,384 | 0 |
| | | 6941299 | C | P062000 | RPP6: GREEN | Green /William H | 07/01/19 | 06/30/21 | (2,766) | 346,884 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(2,806)** | **2,315,918** | **0** |
| 011056 BASF SE | 011056 BASF SE | 6942929 | C | P069201 | AGMT DTD 03/27/2020 | Weiss /Ron | 04/01/20 | 01/31/22 | 45,623 | 255,613 | 0 |
| | | 6944466 | C | P063007 | RESEARCH AGREEMENT EFFECTIVE | Marelli /Benedetto | 08/01/20 | 11/30/22 | 110,087 | 350,000 | 112,313 |
| | | 6947834 | C | P062000 | 88803720 | Green /William H | 07/01/22 | 06/30/23 | 0 | 107,031 | 107,031 |
| | **Total by Primary Sponsor** | | | | | | | | **155,710** | **712,644** | **219,344** |
| 011060 Merck, Sharpe and Dohme Corp | 011060 Merck, Sharpe and Dohme Corp | 6933255 | C | P062000 | LKR150393/PO #8101726009 | Trout /Bernhardt L | 01/01/16 | 12/31/21 | 10,054 | 578,429 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **10,054** | **578,429** | **(0)** |
| 011083 Robert A and Renee E Belfer Family Foundation | 007555 University of Texas-MD Anderson Cancer Center | 6925643 | C | P159300 | CONSORTIUM AGREEMENT DTD 2/28/12 , A&R AGREEMENT DTD 7/23/18 | Tsai /Li-Huei | 01/01/12 | 08/31/22 | 0 | 2,612,643 | 1 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Foundation | | 6939256 | C | P159300 | CONSORTIUM AGREEMENT DTD 2/28/12 , A&R AGREEMENT DTD 7/23/18 | Tsai /Li-Huei | 12/01/17 | 08/31/22 | 756,457 | 3,645,445 | 658,424 |
| | **Total by Primary Sponsor** | | | | | | | | **756,457** | **6,258,088** | **658,424** |
| 011108 OCP Group | 011108 OCP Group | 6939459 | C | P069400 | MASTER AGRMNT DTD. 09/01/2018 | Dahleh /Munther A | 09/01/18 | 08/31/23 | 0 | 600,000 | 600,000 |
| | | 6939508 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/18 | 08/31/26 | 0 | 0 | 0 |
| | | 6939598 | C | P069400 | WORK ORDER 1 | Dahleh /Munther A | 09/01/18 | 06/30/21 | 71,845 | 1,597,879 | 0 |
| | | 6939599 | C | P069400 | WORK ORDER #3 | Hosoi /Anette E | 01/01/21 | 08/31/23 | 264,451 | 1,200,000 | 872,346 |
| | | 6939674 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/18 | 08/31/21 | 48,292 | 600,000 | (0) |
| | | 6939675 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/18 | 08/31/21 | 0 | 600,000 | (0) |
| | | 6940031 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/18 | 08/31/24 | 82,386 | 1,100,000 | 639,711 |
| | | 6941242 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/19 | 12/31/22 | 212,934 | 600,000 | 59,258 |
| | | 6941913 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/19 | 05/31/24 | 173,288 | 600,000 | 187,971 |
| | | 6943288 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/19 | 05/31/24 | 192,844 | 600,000 | 232,557 |
| | | 6945513 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/21 | 08/31/23 | 125,338 | 600,000 | 474,662 |
| | | 6947692 | C | P069400 | WORK ORDER #4 | Dahleh /Munther A | 09/01/21 | 08/31/23 | 0 | 1,000,000 | 1,000,000 |
| | | 6947828 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/22 | 08/31/24 | 0 | 600,000 | 600,000 |
| | | 6947829 | C | P121012 | OCP-MIT-UM6P | Bertsimas /Dimitris J | 09/01/22 | 08/31/24 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,171,379** | **9,697,879** | **4,666,505** |
| 011174 Canadian Institute of Advanced Research | 011174 Canadian Institute of Advanced Research | 6934647 | C | P152000 | FL-000232/FL-000974 | Schlau-Cohen /Gabriela S | 07/01/16 | 06/30/23 | 0 | 182,056 | 176,536 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Research | | 6940567 | C | P152000 | FL-00100 | Schlau-Cohen /Gabriela S | 03/01/19 | 02/28/23 | 0 | 18,500 | 18,075 |
| | | 6941027 | C | P152000 | FL-001004 | Schlau-Cohen /Gabriela S | 05/01/19 | 04/30/23 | 0 | 18,500 | 18,500 |
| | | 6945264 | C | P152000 | CP21-076 | Schlau-Cohen /Gabriela S | 03/01/21 | 02/28/23 | 12,504 | 14,244 | 1,740 |
| | | 6947428 | C | P062000 | FINANCIAL LETTER GS23-002, APPOINTMENT 3408 | Furst /Ariel L | 04/01/22 | 03/31/24 | 0 | 79,339 | 79,339 |
| | **Total by Primary Sponsor** | | | | | | | | **12,504** | **312,639** | **294,190** |
| 011205 Qatar Foundation | 011205 Qatar Foundatic | 6926112 | C | P067950 | AGRMT EFF. 6/27/12 | Rus /Daniela L | 07/01/12 | 06/30/20 | 0 | 29,290 | 922 |
| | | 6926241 | C | P067952 | AGRMT EFF. 6/27/12 | Seneff /Stephanie | 07/01/12 | 06/30/13 | 0 | 291,965 | 0 |
| | | 6926242 | C | P067952 | AGRMT EFF. 6/27/12 | Glass /James R | 07/01/12 | 06/30/13 | 0 | 195,000 | (0) |
| | | 6926243 | C | P067952 | AGRMT EFF. 6/27/12 | Gifford /David K | 07/01/12 | 06/30/14 | 0 | 345,103 | 0 |
| | | 6926244 | C | P067952 | AGRMT EFF. 6/27/12 | Barzilay /Regina | 07/01/12 | 06/30/13 | 0 | 69,982 | 0 |
| | | 6926245 | C | P067952 | AGRMT EFF. 6/27/12 | Madden /Samuel R | 07/01/12 | 06/30/13 | 0 | 171,889 | 0 |
| | | 6926246 | C | P067952 | AGRMT EFF. 6/27/12 | Stonebraker /Michael | 07/01/12 | 08/15/13 | 0 | 152,572 | (0) |
| | | 6926247 | C | P067950 | AGRMT EFF. 6/27/12 | Rus /Daniela L | 06/01/12 | 06/30/20 | 0 | 5,057,342 | (0) |
| | | 6926917 | C | P067952 | AGRMT EFF. 6/27/12 | Barzilay /Regina | 10/01/12 | 08/15/13 | 0 | 59,990 | 0 |
| | | 6926918 | C | P067952 | AGRMT EFF. 6/27/12 | Oliva /Aude | 10/01/12 | 09/30/13 | 0 | 420,823 | 0 |
| | | 6926919 | C | P067952 | AGRMT EFF. 6/27/12 | Mithal /Arvind | 01/01/13 | 12/31/13 | 0 | 209,230 | (0) |
| | | 6926920 | C | P067952 | AGRMT EFF. 6/27/12 | Kagal /Lalana S | 01/01/13 | 08/15/13 | 0 | 180,259 | (0) |
| | | 6926922 | C | P067952 | AGRMT EFF. 6/27/12 | Matusik /Wojciech | 10/01/12 | 08/15/13 | 0 | 162,077 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6928352 | C | P067952 | AGRMT EFF. 6/27/12 | Devadas /Srinivas | 07/01/13 | 08/31/15 | 0 | 1,889,819 | (0) |
| | | 6928353 | C | P067952 | AGRMT EFF. 6/27/12 | Glass /James R | 07/01/13 | 06/30/20 | 0 | 5,266,191 | 0 |
| | | 6928354 | C | P067952 | AGRMT EFF. 6/27/12 | Guttag /John V | 07/01/13 | 08/31/15 | 0 | 1,636,245 | 0 |
| | | 6928355 | C | P067952 | AGRMT EFF. 6/27/12 | Kagal /Lalana S | 07/01/13 | 08/31/15 | 0 | 1,439,485 | 0 |
| | | 6928356 | C | P067952 | AGRMT EFF. 6/27/12 | Stonebraker /Michael | 07/01/13 | 06/30/20 | 0 | 4,576,449 | 0 |
| | | 6930558 | C | P067952 | AGRMT EFF. 6/27/12 | Berners-Lee /Timothy J | 07/01/13 | 01/15/17 | 0 | 1,258,427 | 0 |
| | | 6930577 | C | P067952 | AGRMT EFF. 6/27/12 | Matusik /Wojciech | 07/01/13 | 06/30/18 | 0 | 1,546,213 | 0 |
| | | 6932546 | C | P067952 | AGRMT EFF. 6/27/12 | Sanchez Martin /Daniel | 07/01/15 | 06/30/18 | 0 | 776,821 | 0 |
| | | 6932547 | C | P067952 | AGRMT EFF. 6/27/12 | Harrell /Douglas Alan | 07/01/15 | 06/30/18 | 0 | 675,165 | 0 |
| | | 6932548 | C | P067952 | AGRMT EFF. 6/27/12 | Torralba /Antonio | 07/01/15 | 06/30/20 | 0 | 1,086,349 | (0) |
| | | 6932838 | C | P067952 | AGRMT EFF. 6/27/12 | Durand /Frederic | 07/01/15 | 01/15/17 | 0 | 472,424 | 0 |
| | | 6934076 | C | P067952 | AGRMT EFF. 6/27/12 | Gonzalez /Marta C. | 04/01/16 | 11/30/17 | 0 | 206,258 | 0 |
| | | 6934275 | C | P067950 | AGRMT EFF. 6/27/12 | Rus /Daniela L | 04/01/16 | 06/30/20 | 0 | 1,314,156 | (0) |
| | | 6934727 | C | P067952 | AGRMT EFF. 6/27/12 | Jaakkola /Tommi S | 07/01/16 | 06/30/18 | 0 | 222,157 | 0 |
| | | 6934728 | C | P067952 | AGRMT EFF. 6/27/12 | Barzilay /Regina | 07/01/16 | 06/30/18 | 0 | 518,047 | 0 |
| | | 6935810 | C | P067952 | AGRMT EFF. 6/27/12 | Balakrishnan /Hari | 01/01/17 | 06/30/20 | 0 | 1,682,697 | (0) |
| | | 6940705 | C | P067952 | AGRMT EFF. 6/27/12 | Matusik /Wojciech | 10/15/18 | 06/30/19 | 0 | 147,679 | 0 |
| | | 6941543 | C | P067952 | AGRMT EFF. 6/27/12 | Solomon /Justin | 07/01/19 | 06/30/20 | 0 | 349,072 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942138 | C | P067952 | AGRMT EFF. 6/27/12 | Szolovits /Peter | 07/01/19 | 06/30/20 | 0 | 246,918 | 0 |
| | | 6943400 | C | P067952 | AGRMT EFF. 6/27/12 | Stonebraker /Michael | 06/15/20 | 06/30/21 | 28,760 | 255,617 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **28,760** | **32,911,711** | **922** |
| 011208 Ovarian Cancer Research Fund | 007787 Whitehead Institute/Biomedical Research | 6942293 | C | P152000 | 50-1917-0304 | Johnson /Jeremiah A. | 01/01/20 | 12/31/21 | 572 | 176,006 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **572** | **176,006** | **0** |
| 011280 Boehringer Ingelheim Pharma GmbH & Co. | 011280 Boehringer Ingelheim Pharma GmbH & Co. | 6932802 | C | P069201 | PO# 45441307 | Griffith /Linda G | 08/14/15 | 08/31/18 | 0 | 180,154 | 0 |
| | | 6932803 | C | P069201 | 43067143 | Griffith /Linda G | 08/14/15 | 05/31/19 | 0 | 526,540 | (0) |
| | | 6932804 | C | P069201 | 43067143 | Griffith /Linda G | 08/14/15 | 06/01/20 | 0 | 245,760 | (0) |
| | | 6932806 | C | P069201 | PO# 45441311 | Griffith /Linda G | 08/14/15 | 08/31/18 | 0 | 189,381 | (0) |
| | | 6932807 | C | P069201 | PO# 45441449 | Griffith /Linda G | 08/14/15 | 08/31/18 | 0 | 848,380 | 0 |
| | | 6932808 | C | P069201 | CONTRACT 43067144 | Griffith /Linda G | 08/14/15 | 05/31/19 | 0 | 531,776 | (0) |
| | | 6932809 | C | P069201 | CONTRACT 43067144 | Griffith /Linda G | 08/14/15 | 06/01/20 | 0 | 239,888 | 0 |
| | | 6932811 | C | P069201 | PO# 45441319 | Alm /Eric J | 08/14/15 | 02/08/18 | 0 | 73,514 | (0) |
| | | 6932812 | C | P069201 | 43067145 | Alm /Eric J | 08/14/15 | 02/08/18 | 0 | 117,328 | 0 |
| | | 6932813 | C | P069201 | 43067145 | Alm /Eric J | 08/14/15 | 02/08/18 | 0 | 131,434 | (0) |
| | | 6932815 | C | P069201 | PO# 45441324 | Lauffenburger /Douglas A | 08/14/15 | 08/31/18 | 0 | 187,447 | 0 |
| | | 6932816 | C | P069201 | 43067146 | Lauffenburger /Douglas A | 08/14/15 | 05/31/19 | 0 | 327,221 | 0 |
| | | 6932817 | C | P069201 | 43067146 | Lauffenburger /Douglas A | 08/14/15 | 06/01/20 | 0 | 148,694 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940000 | C | P069201 | 43067141 | Griffith /Linda G | 09/01/18 | 04/30/20 | 0 | 11,644 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **3,759,160** | **(0)** |
| 011292 Twitter, In | 011292 Twitter, Inc. | 6929773 | C | P039010 | MEDIA LAB CONSORTIA | Roy /Deb K | 05/01/14 | 04/30/22 | 255,358 | 8,250,000 | (233) |
| | **Total by Primary Sponsor** | | | | | | | | **255,358** | **8,250,000** | **(233)** |
| 011351 Insurance Institute for Highway Safety | 011351 Insurance Institute for Highway Safety | 6944040 | C | P069500 | AGREEMENT DATED 8/15/2020 | Coughlin /Joseph F | 08/15/20 | 08/15/22 | 38,882 | 115,000 | (167) |
| | **Total by Primary Sponsor** | | | | | | | | **38,882** | **115,000** | **(167)** |
| 011362 Alex's Lemonade Stand Foundation | 005461 The Children's Hospital of Philadelphia | 6945726 | C | P151075 | GRT-00001005/PO# 20266365 | Vos /Seychelle M | 03/01/21 | 05/31/22 | 44,449 | 110,556 | 66,107 |
| | **Total by Primary Sponsor** | | | | | | | | **44,449** | **110,556** | **66,107** |
| 011378 Brain Research Foundation | 011378 Brain Research Foundation | 6945539 | C | P159300 | BRFSG-2021-02 | Flavell /Steven Willem | 06/01/21 | 05/31/23 | 21,389 | 40,000 | 18,611 |
| | **Total by Primary Sponsor** | | | | | | | | **21,389** | **40,000** | **18,611** |
| 011383 Edward Mallinckrodt, Jr. Foundation | 011383 Edward Mallinckrodt, Jr. Foundation | 6941146 | C | P400600 | AGMT DTD. 6/21/2019 | Zhang /Feng | 10/01/19 | 09/30/23 | 252,004 | 400,000 | 90,358 |
| | **Total by Primary Sponsor** | | | | | | | | **252,004** | **400,000** | **90,358** |
| 011390 Child Relief Internationa | 011390 Child Relief International | 6946882 | C | P091020 | AGRMT DTD 12/17/2021 | Banerjee /Abhijit | 12/17/21 | 12/17/23 | 0 | 500,000 | 500,000 |
| | 109452 The Weiss Func - University of Chicago | 6946881 | C | P091020 | RPA#: MIT-028 | Banerjee /Abhijit | 07/01/21 | 12/31/22 | 31,945 | 60,948 | 29,003 |
| | **Total by Primary Sponsor** | | | | | | | | **31,945** | **560,948** | **529,003** |
| 011396 Bert L. & N. Kuggie Vallee Foundation | 011396 Bert L. & N. Kuggie Vallee Foundation | 6939350 | C | P400600 | VS-2018-21 | Harnett /Mark Thomas | 09/01/18 | 08/31/22 | (6,667) | 310,000 | (13,762) |
| | **Total by Primary Sponsor** | | | | | | | | **(6,667)** | **310,000** | **(13,762)** |
| 011419 Private Enterprise Development in Low-Income | 011419 Private Enterprise Development in Low-Income Countrie | 6943482 | C | P091020 | LOA_MRG007_6810 | Duru /Maya J | 01/01/20 | 12/31/22 | 260,726 | 206,186 | (99,182) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Low-Income Countries | **Total by Primary Sponsor** | | | | | | | | **260,726** | **206,186** | **(99,182)** |
| 011452 Transamerica Capital Inc | 011452 Transamerica Capital Inc | 6941944 | C | P069501 | AGREEMENT DTD 1/1/19 | Coughlin /Joseph F | 01/01/19 | 12/31/24 | 397,136 | 1,778,517 | 901,433 |
| | **Total by Primary Sponsor** | | | | | | | | **397,136** | **1,778,517** | **901,433** |
| 011454 Intel Corporation | 011454 Intel Corporatio | 6931195 | C | P039010 | MEDIA LAB CONSORTIA | Ishii /Hiroshi | 01/01/15 | 12/31/15 | 0 | 140,000 | 0 |
| | | 6939564 | C | P067952 | AGMT DTD 10/1/18 | Carbin /Michael James | 10/01/18 | 12/31/21 | 3,255 | 132,276 | 0 |
| | | 6940878 | C | P060600 | AGMT. DTD. 07/01/2019 | del Alamo /Jesus A | 07/01/19 | 09/30/22 | 156,254 | 450,000 | 715 |
| | | 6942185 | C | P067952 | AGMT DTD. 11/15/19 | Madden /Samuel R | 11/15/19 | 12/31/23 | (18,426) | 1,029,803 | 393,392 |
| | | 6942746 | C | P060600 | AGREEMENT EFFECTIVE MARCH 1, 2020 | Han /Ruonan | 03/01/20 | 02/28/22 | 0 | 104,431 | 0 |
| | | 6944370 | C | P267110 | AGREEMENT DATED 10/26/2020 | Zheng /Lizhong | 08/01/20 | 07/31/23 | 16,394 | 134,928 | 107,503 |
| | | 6944716 | C | P154500 | AGMT DTD 10/1/18 | Mansinghka /Vikash K | 10/01/18 | 12/31/21 | 117,245 | 170,057 | 0 |
| | | 6944841 | C | P060600 | AGREEMENT EFFECTIVE MARCH 1, 2020 | Han /Ruonan | 03/01/21 | 02/28/22 | 73,801 | 95,569 | (12,618) |
| | | 6946119 | C | P067952 | AGMT DTD 9/1/21 | Solar Lezama /Armando | 09/01/21 | 08/31/22 | 82,096 | 75,000 | (7,096) |
| | **Total by Primary Sponsor** | | | | | | | | **430,619** | **2,332,064** | **481,896** |
| 011472 Schlumberger-Doll Research Center | 011472 Schlumberger-Doll Research Center | 6947143 | C | P065005 | A22.0019 | Slocum /Alexander H | 09/01/22 | 08/31/23 | 0 | 110,000 | 110,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **110,000** | **110,000** |
| 011474 Servico Nacional de Aprendizagem Industrial (SENAI) | 011474 Servico Nacional de Aprendizagem Industrial (SENAI) | 6929664 | C | P060300 | AGREEMENT DATED 02/04/2014 | Lester /Richard K | 05/05/14 | 08/31/22 | 216,919 | 6,537,926 | 56,690 |
| | **Total by Primary Sponsor** | | | | | | | | **216,919** | **6,537,926** | **56,690** |
| 011488 Massachusetts Mutual Life Insurance Company (MassMutual) | 011488 Massachusetts Mutual Life Insurance Company (MassMutual) | 6946772 | C | P069501 | AGRMT EFFECTIVE 12/17/21 | Coughlin /Joseph F | 01/01/22 | 12/31/22 | 127,382 | 450,000 | 322,618 |
| | **Total by Primary Sponsor** | | | | | | | | **127,382** | **450,000** | **322,618** |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 011490 Tata Consultancy Services | 011490 Tata Consultancy Services | 6933519 | C | P039010 | MEDIA LAB CONSORTIA | Raskar /Ramesh | 01/01/16 | 12/31/20 | 0 | 91,288 | 0 |
| | | 6936521 | C | P039010 | MEDIA LAB CONSORTIA | Rahwan /Iyad | 09/01/17 | 08/31/19 | 0 | 158,712 | (0) |
| | | 6939561 | C | P039010 | AGREEMENT DATED 9/24/18 | Fedor /Szymon | 10/01/18 | 12/31/22 | 100,244 | 572,131 | 35,666 |
| | **Total by Primary Sponsor** | | | | | | | | **100,244** | **822,131** | **35,666** |
| 011491 Mahindra & Mahindra, Ltd. | 011491 Mahindra & Mahindra, Ltd. | 6933169 | C | P065005 | AGMT DATED 01/14/2016 | Winter /Amos G | 09/01/15 | 11/30/19 | 1,461 | 293,756 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,461** | **293,756** | **0** |
| 011506 Laura and John Arnold Foundation | 006977 Harvard School of Public Health | 6943052 | C | P091021 | 263769-5115602 | Bates /Mary Ann | 03/01/20 | 02/28/22 | 9,926 | 65,728 | 0 |
| | 011506 Laura and John Arnold Foundation | 6928809 | C | P091020 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 0 | 1,327,986 | (0) |
| | | 6928810 | C | P091020 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 0 | 169,720 | 0 |
| | | 6928811 | C | P091021 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 432,112 | 664,600 | (2,295,784) |
| | | 6929158 | C | P091021 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 38,957 | 286,124 | 13,946 |
| | | 6929159 | C | P091021 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 99,059 | 2,451,880 | 38,810 |
| | | 6932261 | C | P091021 | AGMT. DATED 6/30/2015 | Finkelstein /Amy | 07/14/15 | 06/30/23 | (335) | 1,289,775 | (1,320,535) |
| | | 6933547 | C | P091021 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/15 | 06/30/22 | 0 | 399,283 | 32 |
| | | 6933548 | C | P091020 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 09/01/13 | 06/30/22 | 0 | 8,512 | 0 |
| | | 6934793 | C | P091021 | AGMT. DATED 6/30/2015 | Finkelstein /Amy | 07/01/16 | 06/30/23 | 692,080 | 1,833,401 | (1,317,043) |
| | | 6937006 | C | P091020 | AGMT. DATED 6/30/2015 | Finkelstein /Amy | 07/15/17 | 01/14/18 | 0 | 40,835 | 0 |
| | | 6937749 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 11/30/21 | 6,223 | 209,290 | 0 |
| | | 6937750 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 12/31/24 | 920,112 | 3,815,263 | 1,740,155 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937751 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 11/30/21 | 425,650 | 3,711,837 | (0) |
| | | 6937793 | C | P405028 | LETTER DATED JAN 2018 | Pathak /Parag | 01/01/18 | 06/30/22 | 0 | 0 | 0 |
| | | 6937794 | C | P405028 | LETTER DATED JAN 2018 | Pathak /Parag | 01/01/18 | 06/30/22 | 44,202 | 581,756 | 35,349 |
| | | 6937944 | C | P091000 | LETTER DATED JAN 2018 | Pathak /Parag | 01/01/18 | 06/30/22 | 204,716 | 1,279,866 | (146,229) |
| | | 6938048 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 06/30/21 | (53) | 206,036 | 0 |
| | | 6938049 | C | P091021 | AGMT. DTD. 10/18/13 | Finkelstein /Amy | 07/15/17 | 07/15/20 | 0 | 55,000 | 0 |
| | | 6941453 | C | P095500 | LTR DTD 10/24/2017 | White /Ariel R. | 09/01/17 | 09/30/20 | 0 | 49,081 | 0 |
| | | 6942139 | C | P091021 | AGMNT. DTD. 8/15/19 | Finkelstein /Amy | 10/01/19 | 09/30/22 | 0 | 387,016 | 116,082 |
| | | 6943375 | C | P095500 | LTR DTD 10/24/2017 | White /Ariel R. | 09/01/17 | 06/30/23 | 54,004 | 174,636 | 8,677 |
| | | 6943597 | C | P091021 | AGMNT. DTD. 8/15/19 | Finkelstein /Amy | 10/01/20 | 09/30/21 | 96,268 | 362,984 | (0) |
| | | 6943783 | C | P091021 | 20-04352 | Finkelstein /Amy | 08/18/20 | 12/31/22 | 224,483 | 217,110 | (78,312) |
| | | 6944327 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 06/30/21 | 0 | 24,860 | 0 |
| | | 6944432 | C | P091021 | 20-04352 | Finkelstein /Amy | 08/18/20 | 12/31/22 | 58,471 | 49,121 | (25,723) |
| | | 6944433 | C | P091021 | 20-04352 | Finkelstein /Amy | 08/18/20 | 12/31/22 | 4,522 | 892,661 | 888,139 |
| | | 6944437 | C | P091021 | AGMT. DATED 6/30/2015 | Finkelstein /Amy | 07/01/20 | 06/30/21 | 0 | 10,879 | (0) |
| | | 6944441 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 12/31/21 | (34) | 50,033 | 335 |
| | | 6944924 | C | P091021 | LTR DTD 10/24/2017 | Finkelstein /Amy | 09/01/17 | 06/30/21 | 1,044 | 20,788 | 0 |
| | | 6945483 | C | P091021 | AGMT. DATED 6/30/2015 | Finkelstein /Amy | 06/01/21 | 12/31/21 | 18,732 | 21,000 | (676) |
| | | 6945518 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 759,628 | 414,943 | (344,686) |
| | | 6945735 | C | P091000 | 17-00867 | Schilbach /Frank | 06/01/21 | 09/30/22 | 43,365 | 49,500 | 6,135 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945754 | C | P091021 | 17-00867 | Finkelstein /Amy | 09/01/17 | 06/30/23 | 53,015 | 99,000 | 45,986 |
| | | 6946093 | C | P091020 | AGMNT. DTD. 8/15/19 | Finkelstein /Amy | 10/01/21 | 09/30/22 | 255,300 | 0 | (255,300) |
| | | 6946359 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 124,772 | 119,233 | (5,539) |
| | | 6946360 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 30,905 | 29,900 | (1,005) |
| | | 6946361 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 76,914 | 122,669 | 45,755 |
| | | 6946362 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 0 | 507,700 | 507,700 |
| | | 6946363 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 22,824 | 36,360 | 13,536 |
| | | 6946364 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 0 | 611,900 | 611,900 |
| | | 6946365 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 39,863 | 47,531 | 7,668 |
| | | 6946366 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 126,924 | 183,321 | 56,397 |
| | | 6946367 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 36,944 | 68,523 | 31,579 |
| | | 6946368 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 150,348 | 103,260 | (47,088) |
| | | 6946369 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 157,397 | 168,408 | 11,011 |
| | | 6946586 | C | P091021 | 20-04352 | Finkelstein /Amy | 11/01/21 | 06/30/22 | 29,653 | 41,108 | 11,455 |
| | | 6946587 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 9,701 | 22,691 | 12,990 |
| | | 6946588 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 65,532 | 83,898 | 18,366 |
| | | 6946589 | C | P091021 | 21-05679 | Finkelstein /Amy | 10/01/21 | 06/30/22 | 43,365 | 39,620 | (3,745) |
| | | 6946627 | C | P091020 | 21-06078 | Finkelstein /Amy | 11/01/21 | 10/31/22 | 56,209 | 110,718 | 54,509 |
| | | 6947563 | C | P095500 | 21-05679 | White /Ariel R. | 05/01/22 | 03/31/25 | 0 | 138,715 | 138,715 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947564 | C | P091000 | 21-05679 | Agarwal /Nikhil | 04/01/22 | 05/31/25 | 0 | 273,413 | 273,413 |
| | **Total by Primary Sponsor** | | | | | | | | **5,412,800** | **23,929,471** | **(1,153,025)** |
| 011536 3M Innovative Properties Company | 011536 3M Innovative Properties Company | 6943235 | C | P062000 | RES AGMT EFF 5/13/2020 | Sikes Johnson /Hadley | 05/13/20 | 09/12/20 | (22,671) | 131,542 | 0 |
| | | 6945338 | C | P062000 | AGRMT DATED MAY 1, 2021 | Sikes Johnson /Hadley | 05/01/21 | 04/30/22 | 80,972 | 75,000 | (17,343) |
| | **Total by Primary Sponsor** | | | | | | | | **58,301** | **206,542** | **(17,343)** |
| 011545 Breast Cancer Alliance, Inc. | 011545 Breast Cancer Alliance, Inc. | 6940275 | C | P267600 | AGMT DTD 2/1/19 | Lu /Timothy K | 02/01/19 | 01/31/20 | (14,949) | 100,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(14,949)** | **100,000** | **0** |
| 011550 Harvard University - Weiss Family Program | 011550 Harvard University - Weiss Family Program | 6942312 | C | P091020 | RPA#13 | Townsend /Robert | 05/14/19 | 12/31/21 | 3,200 | 3,200 | 0 |
| | | 6942910 | C | P091020 | RPA#14 | Duflo /Esther | 12/02/19 | 04/30/22 | 0 | 0 | 0 |
| | | 6944631 | C | P091020 | RPA# 15 | Olken /Benjamin | 06/22/20 | 06/30/22 | 4,415 | 7,514 | 7 |
| | **Total by Primary Sponsor** | | | | | | | | **7,615** | **10,714** | **7** |
| 011568 Rio Tinto | 011568 Rio Tinto | 6930074 | C | P069850 | AGREEMENT DATED 1/1/14 | Kirchain /Randolph E | 01/01/14 | 12/31/22 | 222,896 | 2,036,716 | 108,850 |
| | **Total by Primary Sponsor** | | | | | | | | **222,896** | **2,036,716** | **108,850** |
| 011628 Skolkovo Institute of Science and Technology | 009904 MIT - Internal | 6943748 | C | P267111 | 7207 | Adalsteinsson /Elfar | 07/01/20 | 08/25/22 | 429,552 | 753,699 | 55,155 |
| | | 6943870 | C | P069850 | 7207 | Ju /Long | 04/01/20 | 06/30/22 | 9,526 | 101,285 | (16,757) |
| | 011628 Skolkovo Institu of Science and Technology | 6929900 | C | P069850 | 186-MRA | Thompson /Carl Vernette | 10/01/13 | 04/20/23 | 0 | 886,484 | 882,789 |
| | | 6929901 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 04/20/23 | 0 | 0 | (818,478) |
| | | 6929902 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 185,388 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929903 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 27,729 | (0) |
| | | 6929910 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 2,714 | (0) |
| | | 6929911 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 634,314 | 0 |
| | | 6929912 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 287,859 | 0 |
| | | 6929913 | C | P069850 | AGREEMENT DATED 10/1/13 | Thompson /Carl Vernette | 10/01/13 | 01/23/20 | 0 | 157,874 | 0 |
| | | 6929920 | C | P069850 | AGREEMENT DATED 10/1/13 | Shao-Horn /Yang | 10/01/13 | 01/23/20 | 0 | 31 | (0) |
| | | 6929921 | C | P069850 | AGREEMENT DATED 10/1/13 | Shao-Horn /Yang | 10/01/13 | 01/23/20 | 0 | 205,497 | (0) |
| | | 6929922 | C | P069850 | AGREEMENT DATED 10/1/13 | Shao-Horn /Yang | 10/01/13 | 01/23/20 | 0 | 675,876 | 0 |
| | | 6929923 | C | P069850 | AGREEMENT DATED 10/1/13 | Shao-Horn /Yang | 10/01/13 | 01/23/20 | 0 | 205,225 | 0 |
| | | 6929933 | C | P069850 | AGREEMENT DATED 10/1/13 | Tuller /Harry L | 10/01/13 | 01/23/20 | 0 | 1,024,912 | 0 |
| | | 6929941 | C | P069850 | AGREEMENT DATED 10/1/13 | Chiang /Yet-Ming | 10/01/13 | 01/23/20 | 0 | 928,468 | 0 |
| | | 6929942 | C | P069850 | AGREEMENT DATED 10/1/13 | Chiang /Yet-Ming | 10/01/13 | 01/23/20 | 0 | 6,003 | 0 |
| | | 6929954 | C | P069850 | AGREEMENT DATED 10/1/13 | Carter /W Craig | 10/01/13 | 01/23/20 | 0 | 139,210 | (0) |
| | | 6929961 | C | P069850 | AGREEMENT DATED 10/1/13 | Hammond /Paula T | 10/01/13 | 01/23/20 | 0 | 75,828 | (0) |
| | | 6929962 | C | P069850 | AGREEMENT DATED 10/1/13 | Hammond /Paula T | 10/01/13 | 01/23/20 | 0 | 113,442 | (0) |
| | | 6929971 | C | P069850 | AGREEMENT DATED 10/1/13 | Cummins /Christopher C | 10/01/13 | 01/23/20 | 0 | 690,976 | (0) |
| | | 6929972 | C | P069850 | AGREEMENT DATED 10/1/13 | Cummins /Christopher C | 10/01/13 | 01/23/20 | 0 | 4,808 | (0) |
| | | 6929982 | C | P069850 | AGREEMENT DATED 10/1/13 | Kolpak /Alexie M | 10/01/13 | 01/23/20 | 0 | 312,432 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6929983 | C | P069850 | AGREEMENT DATED 10/1/13 | Kolpak /Alexie M | 10/01/13 | 01/23/20 | 0 | 199,746 | (0) |
| | | 6935275 | C | P400600 | 1924/R | Zhang /Feng | 09/01/16 | 11/30/19 | (538) | 500,000 | 0 |
| | | 6939947 | C | P069850 | 186-MRA | Grossman /Jeffrey C. | 07/01/18 | 01/23/20 | 0 | 63,146 | (0) |
| | | 6943872 | C | P035000 | 7207 | Ryan /Brent | 04/01/20 | 06/30/22 | 116,836 | 197,450 | 80,614 |
| | **Total by Primary Sponsor** | | | | | | | | **555,376** | **8,380,400** | **183,324** |
| 011636 TotalEnergies American Services, Inc. | 011636 TotalEnergies American Services, Inc. | 6939936 | C | P159400 | SRA EFFFECTIVE 01/01/2019 | Paltsev /Sergey | 01/01/19 | 12/31/22 | 129,810 | 480,000 | 39,712 |
| | | 6942093 | C | P153000 | | Nakata /Norimitsu | 09/01/19 | 12/31/22 | 225,784 | 369,204 | 45,922 |
| | **Total by Primary Sponsor** | | | | | | | | **355,594** | **849,204** | **85,634** |
| 011638 Heising-Simons Foundation | 011638 Heising-Simons Foundation | 6932507 | C | P158000 | GRANT 2015-076 | Formaggio /Joseph A | 09/01/15 | 08/31/21 | (15,210) | 675,692 | 0 |
| | | 6935806 | C | P158000 | GRANT #2017-229 | Conrad /Janet Marie | 04/01/17 | 09/01/24 | 848 | 732,601 | 373,041 |
| | | 6938744 | C | P158000 | GRANT #2018-0766 | Perez /Kerstin M. | 06/01/18 | 04/30/23 | 91,498 | 740,872 | 204,599 |
| | | 6938762 | C | P158000 | GRANT #2017-229 | Conrad /Janet Marie | 09/01/18 | 09/01/20 | 0 | 92,372 | (0) |
| | | 6938987 | C | P320000 | GRANT #2018-0869 | Armstrong /Robert C | 07/01/18 | 08/31/21 | (59,972) | 500,000 | 0 |
| | | 6940093 | C | P153000 | 2018-1104 | Seager /Sara | 03/01/19 | 02/28/23 | 149,511 | 649,945 | 201,851 |
| | | 6940515 | C | P158000 | GRANT # 2019-1271 | Winslow /Lindley | 03/01/19 | 07/31/22 | 88,833 | 386,501 | 104,413 |
| | | 6941589 | C | P158000 | 2019-1375 | Perez /Kerstin M. | 07/02/19 | 12/31/21 | (237,226) | 0 | 0 |
| | | 6946238 | C | P153000 | GRANT #: 2021-3128 | Fournier /Gregory P. | 10/01/21 | 09/30/23 | 15,065 | 55,000 | 39,935 |
| | | 6946401 | C | P158000 | 2019-1375 | Perez /Kerstin M. | 08/01/19 | 12/31/21 | 346,339 | 346,500 | 161 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **379,686** | **4,179,483** | **923,999** |
| 011650 Council on Library and Information Resources | 011650 Council on Library and Information Resources | 6943171 | C | P038000 | RAR_007_662 | Barry /Judith | 05/01/20 | 10/31/21 | 2,797 | 50,305 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,797** | **50,305** | **0** |
| 011655 International Growth Centre | 011655 International Growth Centre | 6933836 | C | P091020 | 1-VCS-VCCN-VXXXX-47302 | Olken /Benjamin | 11/01/15 | 09/30/16 | 0 | 9,720 | 267 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **9,720** | **267** |
| 011657 Anheuser-Busch InBev | 011657 Anheuser-Busch InBev | 6941793 | C | P121012 | PO 4506040196 / 4506724285 | Trichakis /Nikolaos | 06/01/19 | 12/31/23 | 120,558 | 819,065 | 395,910 |
| | | 6944536 | C | P068700 | AGMT DTD 12/15/2020 | Shah /Devavrat | 12/15/20 | 05/31/22 | 157,842 | 177,401 | 91 |
| | | 6944553 | C | P063007 | AGRMT EFFECTIVE 12/1/2020 | Simchi-Levi /David | 12/01/20 | 12/31/21 | 74,867 | 107,815 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **353,267** | **1,104,281** | **396,001** |
| 011659 Merck, Sharp and Dohme LLC | 011659 Merck, Sharp and Dohme LLC | 6938827 | C | P062000 | LKR170504 | Trout /Bernhardt L | 06/01/18 | 12/31/21 | 32,931 | 296,522 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **32,931** | **296,522** | **(0)** |
| 011677 Enel Ingegneria e Ricerca S.p.A. | 011677 Enel Ingegneria e Ricerca S.p.A. | 6929029 | C | P320000 | ENEL COMITES PROGRAM RESEARCH AGR EFF 5/1/2013 | Stoner /Robert | 05/01/13 | 03/31/15 | 0 | 224,217 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **224,217** | **(0)** |
| 011685 Samsung Information Systems America, Inc. | 011685 Samsung Information Systems America, Inc. | 6929854 | C | P039010 | AGMT DATED 4/1/14 | Lieberman /Henry A | 04/01/14 | 09/30/14 | 0 | 74,557 | 0 |
| | | 6944700 | C | P268001 | AGREEMENT DATED 12/20/2020 | Han /Song | 01/01/21 | 03/31/22 | 150,000 | 150,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **150,000** | **224,557** | **0** |
| 011689 BASF Corporation | 011689 BASF Corporation | 6932148 | C | P267200 | AGMT EFF. 8/31/15 | Shao-Horn /Yang | 08/01/15 | 12/31/21 | 58,557 | 1,050,000 | (474) |
| | | 6937784 | C | P067952 | AGREEMENT DATED 12/15/17 | Matusik /Wojciech | 12/15/17 | 03/31/20 | 4,720 | 339,434 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939971 | C | P067952 | AGMT DTD 09/01/18 | Matusik /Wojciech | 09/01/18 | 10/31/20 | 4,547 | 440,000 | (0) |
| | | 6940721 | C | P121175 | 87327865 | McAfee /Andrew P. | 02/01/19 | 07/31/21 | 100,715 | 722,267 | 311,874 |
| | | 6942986 | C | P063007 | 3012020 | Cordero Sanchez /Otto X. | 02/15/20 | 05/31/22 | 142,747 | 309,999 | 10 |
| | **Total by Primary Sponsor** | | | | | | | | **311,287** | **2,861,699** | **311,410** |
| 011693 Versalis S.p.A. | 011693 Versalis S.p.A. | 6929077 | C | P320000 | 5210000541 | Stephanopoulos /Gregory | 01/01/14 | 12/31/16 | 0 | 751,250 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **751,250** | **(0)** |
| 011694 Melanoma Research Alliance Foundation | 005817 Dana Farber Cancer Institute | 6943581 | C | P152000 | SUBAWARD# 6326003 | Pentelute /Bradley L. | 06/01/20 | 05/31/21 | (181) | 58,393 | (0) |
| | 011694 Melanoma Research Alliance Foundation | 6938608 | C | P402010 | MRA TEAM SCIENCE AWARD #565436 | Birnbaum /Michael E | 06/01/18 | 11/30/21 | 32,895 | 149,705 | 0 |
| | | 6938610 | C | P402012 | MRA TEAM SCIENCE AWARD #565436 | Spranger-Zimmermann /Stefani | 06/01/18 | 11/30/21 | 2,756 | 150,000 | (0) |
| | | 6938612 | C | P402010 | MRA TEAM SCIENCE AWARD #565436 | Wittrup /Karl Dane | 06/01/18 | 11/30/21 | (4) | 75,000 | 0 |
| | | 6940740 | C | P402000 | MRA YOUNG INVESTIGATOR AWARD #613202 | Spranger-Zimmermann /Stefani | 06/01/19 | 05/31/22 | 72,887 | 225,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **108,353** | **658,098** | **0** |
| 011723 Takeda Pharmaceuticals U.S.A., Inc. | 011723 Takeda Pharmaceuticals U.S.A. Inc. | 6942590 | C | P060052 | AGMT EFFECTIVE 1/1/2020 | Collins /James J. | 01/01/20 | 12/31/22 | 0 | 0 | 25 |
| | | 6942591 | C | P060052 | AGMT EFFECTIVE 1/1/2020 | Collins /James J. | 01/01/20 | 12/31/22 | 0 | 398,754 | 398,754 |
| | | 6942592 | C | P060052 | AGMT EFFECTIVE 1/1/2020 | Collins /James J. | 01/01/20 | 12/31/22 | 371,469 | 1,659,478 | 1,033,651 |
| | | 6943026 | C | P060600 | AGMT EFFECTIVE 1/1/2020 | Boning /Duane S | 04/01/20 | 06/30/22 | 112,363 | 200,000 | 5,545 |
| | | 6943027 | C | P267111 | AGMT EFFECTIVE 1/1/2020 | Daniel /Luca | 04/01/20 | 06/30/22 | 60,712 | 100,000 | (72) |
| | | 6943028 | C | P065005 | AGMT EFFECTIVE 1/1/2020 | Sarma /Sanjay E | 04/01/20 | 06/30/22 | 205,185 | 300,000 | 256 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943051 | C | P062000 | D824 | Myerson /Allan S. | 04/01/20 | 05/31/22 | 270,194 | 600,000 | 0 |
| | | 6943196 | C | P062000 | AGMT EFFECTIVE 1/1/2020 | Coley /Connor Wilson | 04/01/20 | 07/31/22 | 89,300 | 450,000 | 247,430 |
| | | 6943201 | C | P061901 | AGMT EFFECTIVE 1/1/2020 | Collins /James J. | 01/01/20 | 12/31/22 | 21,058 | 250,000 | 228,942 |
| | | 6943239 | C | P067952 | AGMT EFFECTIVE 1/1/2020 | Szolovits /Peter | 01/01/20 | 09/30/22 | 296,918 | 600,000 | 19,863 |
| | | 6943243 | C | P154500 | AGMT EFFECTIVE 1/1/2020 | Mansinghka /Vikash K | 04/01/20 | 03/31/22 | 174,283 | 550,000 | 17,157 |
| | | 6943247 | C | P061901 | D835 | Collins /James J. | 04/01/20 | 09/30/22 | 224,568 | 376,721 | (8,591) |
| | | 6943248 | C | P069201 | D835 | Lu /Timothy K | 04/01/20 | 03/31/22 | 99,962 | 273,279 | 0 |
| | | 6943254 | C | P067952 | D864 | Glass /James R | 01/01/20 | 09/30/22 | 171,867 | 360,000 | 16,933 |
| | | 6943255 | C | P065005 | D864 | Subirana /Juan Brian | 04/01/20 | 09/30/22 | 114,111 | 240,000 | 55,486 |
| | | 6943277 | C | P067952 | D828 | Golland /Polina | 01/01/20 | 05/31/22 | 111,179 | 250,000 | (20) |
| | | 6943278 | C | P067952 | D828 | Szolovits /Peter | 01/01/20 | 05/31/22 | 112,319 | 250,000 | 10,125 |
| | | 6943279 | C | P065004 | D828 | Anthony /Brian | 01/01/20 | 05/31/22 | 144,634 | 250,000 | (1,032) |
| | | 6943280 | C | P067952 | D844 | Jaakkola /Tommi S | 04/01/20 | 07/31/22 | 75,360 | 150,000 | 5,719 |
| | | 6943281 | C | P067952 | D844 | Andreas /Jacob D | 04/01/20 | 07/31/22 | 206,774 | 350,000 | (0) |
| | | 6943282 | C | P067952 | D809 | Barzilay /Regina | 04/01/20 | 09/30/22 | 70,440 | 300,000 | 89,155 |
| | | 6947080 | C | P402000 | AGREEMENT DATED 2/22/22 | Chen /Jianzhu | 02/22/22 | 02/21/23 | 223 | 22,600 | 22,377 |
| | | 6947505 | C | P060052 | AGMT EFFECTIVE 1/1/2020 | Collins /James J. | 02/01/22 | 03/31/23 | 0 | 1,643,245 | 1,643,245 |
| | | 6947506 | C | P268001 | AGMT EFFECTIVE 1/1/2020 | Boning /Duane S | 02/01/22 | 03/31/23 | 22,599 | 100,000 | 77,401 |
| | | 6947507 | C | P065005 | AGMT EFFECTIVE 1/1/2020 | Sarma /Sanjay E | 02/01/22 | 03/31/23 | 16,281 | 150,000 | 133,719 |
| | | 6947509 | C | P267111 | AGMT EFFECTIVE 1/1/2020 | Daniel /Luca | 02/01/22 | 03/31/23 | 7,976 | 50,000 | 42,024 |
| | | 6947510 | C | P067952 | AGMT EFFECTIVE 1/1/2020 | Szolovits /Peter | 02/01/22 | 03/31/23 | 0 | 170,000 | 170,000 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947511 | C | P121012 | AGMT EFFECTIVE 1/1/2020 | Mazumder /Rahul | 02/01/22 | 03/31/23 | 0 | 130,000 | 130,000 |
| | | 6947512 | C | P121012 | AGMT EFFECTIVE 1/1/2020 | Jonasson /Jonas O | 02/01/22 | 03/31/23 | 0 | 305,132 | 305,132 |
| | | 6947514 | C | P065004 | AGMT EFFECTIVE 1/1/2020 | Krebs /Hermano I | 02/01/22 | 03/31/23 | 31,177 | 300,000 | 268,823 |
| | | 6947515 | C | P067952 | AGMT EFFECTIVE 1/1/2020 | Glass /James R | 02/01/22 | 03/31/23 | 0 | 200,000 | 200,000 |
| | | 6947517 | C | P402010 | AGMT EFFECTIVE 1/1/2020 | Love /John C | 02/01/22 | 03/31/23 | 26,443 | 202,754 | 176,311 |
| | | 6947519 | C | P067952 | AGMT EFFECTIVE 1/1/2020 | Ghassemi /Marzyeh | 02/01/22 | 03/31/23 | 0 | 75,000 | 75,000 |
| | | 6947521 | C | P062000 | AGMT EFFECTIVE 1/1/2020 | Myerson /Allan S. | 02/01/22 | 03/31/23 | 83,121 | 350,000 | 266,879 |
| | | 6947522 | C | P069400 | AGMT EFFECTIVE 1/1/2020 | Levi /Retsef | 02/01/22 | 03/31/23 | 37,925 | 300,000 | 262,075 |
| | | 6947526 | C | P061901 | AGMT EFFECTIVE 1/1/2020 | Sontag /David Alexander | 02/01/22 | 03/31/23 | 15,421 | 167,000 | 151,579 |
| | **Total by Primary Sponsor** | | | | | | | | **3,173,862** | **12,073,963** | **6,043,892** |
| 011748 General Research Institute for Nonferrous Metals(GRINM) | 011748 General Research Institute for Nonferrous Metals(GRINM) | 6932942 | C | P060600 | AGMT DTD 1/1/2016 | Schmidt /Martin Arnold | 01/01/16 | 12/31/22 | (247,414) | 1,143,223 | (0) |
| | | 6936565 | C | P060600 | AGMT DTD 1/1/2016 | Schmidt /Martin Arnold | 05/31/17 | 09/01/19 | (7,302) | 26,250 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(254,716)** | **1,169,473** | **(0)** |
| 011756 Equinor | 011756 Equinor | 6929241 | C | P320000 | MEMBER AGR NO.4502981450 | Armstrong /Robert C | 02/01/14 | 01/31/24 | 0 | 4,377 | (125,669) |
| | | 6932160 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Vandiver /John Kim | 03/01/15 | 12/31/15 | 0 | 49,900 | (0) |
| | | 6932672 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Short /Michael P | 09/01/15 | 11/30/17 | 0 | 505,274 | (0) |
| | | 6932876 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Varanasi /Kripa | 09/01/15 | 12/31/18 | 0 | 502,339 | (0) |
| | | 6933123 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Yildiz /Bilge | 09/01/15 | 12/31/18 | 0 | 496,922 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937112 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Yildiz /Bilge | 09/01/17 | 09/30/17 | 0 | 5,210 | 0 |
| | | 6937919 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Sakti /Apurba | 11/01/17 | 10/31/19 | 0 | 229,707 | 0 |
| | | 6938757 | C | P320000 | STATOIL PETROLEUM AS-MITEI SUSTAINING MEMBER AGR NO.4502981450 | Yildiz /Bilge | 06/01/18 | 08/31/22 | 77,525 | 395,071 | 3,001 |
| | | 6943348 | C | P320000 | MEMBER AGR NO.4502981450 | Hu /Juejun | 06/01/20 | 05/31/22 | 115,408 | 200,000 | (302) |
| | | 6944726 | C | P320000 | MEMBER AGR NO.4502981450 | Botterud /Audun | 12/15/20 | 08/31/22 | 178,566 | 220,000 | 21,188 |
| | | 6945545 | C | P320000 | MEMBER AGR NO.4502981450 | Parsons /John E | 06/01/21 | 08/31/21 | 38,830 | 43,869 | (0) |
| | | 6947000 | C | P320000 | MEMBER AGR NO.4502981450 | Parsons /John E | 01/01/22 | 06/30/22 | 41,973 | 51,602 | 9,628 |
| | | 6947129 | C | P320000 | MEMBER AGR NO.4502981450 | Mallapragada /Dharik Sanchan | 04/01/22 | 06/30/23 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **452,302** | **2,704,270** | **(92,153)** |
| 011832 The Research Council of Norway | 006849 Norwegian University of Science and Technology | 6935767 | C | P320000 | FME HIGHEFF AGREEMENT 2017-02-02 | Barton /Paul I | 06/01/17 | 12/31/23 | 0 | 476,575 | 38,642 |
| | 011475 SINTEF Fisheries and Aquaculture AS | 6946526 | C | P067952 | PROJECT NO 313870 | Adelson /Edward H | 07/01/21 | 06/30/22 | 64,271 | 62,777 | (1,494) |
| | 107238 University of South-Eastern Norway | 6943403 | C | P067952 | | Edelman /Alan | 03/01/20 | 12/31/24 | 26,199 | 77,692 | 51,493 |
| | 107295 SINTEF Ocean | 6942341 | C | P067952 | 702392 OSTERLIE | Adelson /Edward H | 08/01/19 | 12/31/23 | 21,887 | 120,427 | 62,952 |
| | **Total by Primary Sponsor** | | | | | | | | **112,357** | **737,472** | **151,594** |
| 011835 Hyundai Motor Company | 011835 Hyundai Motor Company | 6943736 | C | P060600 | AGMT DTD. 4/2/20 | Han /Song | 09/01/20 | 08/31/22 | 60,375 | 250,000 | 83,726 |
| | | 6946700 | C | P060600 | AGRMT EFFECTIVE 12/01/21 | Han /Song | 12/01/21 | 06/30/23 | 0 | 250,000 | 250,000 |
| | | 6947188 | C | P065000 | AGMT DTD 3/10/2022 | Kim /Sang-Gook | 10/17/21 | 10/16/22 | 7,013 | 136,000 | 128,987 |
| | | 6947799 | C | P068700 | AGRMT EFFECTIVE DATE 09/01/2022 | Veeramachaneni /Kalyan | 09/01/22 | 08/31/23 | 0 | 125,000 | 125,000 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **67,388** | **761,000** | **587,712** |
| 011854 Edwards Lifesciences LLC | 011854 Edwards Lifesciences LLC | 6932359 | C | P061901 | AGMT DATED JULY 23, 2015 | Edelman /Elazer R | 04/19/15 | 06/30/22 | 139,000 | 1,562,999 | 13,397 |
| | **Total by Primary Sponsor** | | | | | | | | **139,000** | **1,562,999** | **13,397** |
| 011859 The Grainger Foundation | 011859 The Grainger Foundation | 6933908 | C | P063007 | AGMT DTD 4/30/16 | Williams /Earle R | 04/01/16 | 09/30/21 | 1,350 | 413,228 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,350** | **413,228** | **0** |
| 011904 Novo Nordisk A/S | 011904 Novo Nordisk A | 6937792 | C | P152000 | ID CMS DOC #586981 | Pentelute /Bradley L. | 12/15/17 | 12/14/22 | 1,028,644 | 3,189,568 | 24,583 |
| | | 6939213 | C | P061901 | AGREEMENT DTD 8/19/18 | Langer /Robert S | 08/19/18 | 12/18/21 | 570,376 | 4,718,865 | (9,972) |
| | | 6939333 | C | P061901 | AGREEMENT DTD 8/19/18 | Langer /Robert S | 08/19/18 | 12/18/21 | (4,501) | 2,881,135 | 9,005 |
| | | 6940037 | C | P067952 | CMS-654158 | Kellis /Manolis | 12/12/18 | 06/30/22 | 690,324 | 2,263,348 | 334,352 |
| | | 6940309 | C | P065005 | CMS-657835 | Traverso /Carlo Giovanni | 02/01/19 | 09/18/21 | (18,913) | 1,088,172 | 138 |
| | | 6940977 | C | P152000 | ID CMS DOC #586981 | Pentelute /Bradley L. | 04/01/19 | 08/01/19 | 0 | 14,775 | 0 |
| | | 6944798 | C | P066000 | ID CMS DOC #586981 | Gomez-Bombarelli /Rafael | 12/15/17 | 12/14/22 | 42,716 | 205,483 | 112,930 |
| | | 6944823 | C | P061901 | ID CMS DOC #586981 | Shalek /Alexander K | 12/15/20 | 12/14/22 | 139,771 | 292,674 | 129,675 |
| | | 6946862 | C | P402000 | 2021-001547 | Langer /Robert S | 12/17/21 | 12/16/26 | 1,067,053 | 1,689,242 | 622,189 |
| | | 6947018 | C | P402000 | 2021-001547 | Langer /Robert S | 12/17/21 | 12/16/26 | 0 | 1,310,758 | 1,310,758 |
| | **Total by Primary Sponsor** | | | | | | | | **3,515,469** | **17,654,020** | **2,533,659** |
| 011919 World Food Programme | 011919 World Food Programme | 6945465 | C | P030001 | AGREEMENT EFFECTIVE 6/1/21 | Williams /Sarah E | 04/01/21 | 12/31/22 | 132,277 | 165,569 | 21,614 |
| | **Total by Primary Sponsor** | | | | | | | | **132,277** | **165,569** | **21,614** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 011921 Walton Family Foundation | 011921 Walton Family Foundation | 6942223 | C | P091000 | 00101234 | Pathak /Parag | 11/01/19 | 10/31/21 | 14,962 | 74,069 | (0) |
| | | 6942262 | C | P091000 | 00101546 | Angrist /Joshua | 11/01/19 | 10/31/23 | 225,565 | 910,696 | 488,109 |
| | **Total by Primary Sponsor** | | | | | | | | **240,527** | **984,765** | **488,109** |
| 011922 Amsterdam Metropolitan Solutions Institute (AMS) | 011922 Amsterdam Metropolitan Solutions Institute (AMS) | 6934777 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 09/01/16 | 12/31/22 | 0 | 14,330 | 0 |
| | | 6934778 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 09/01/16 | 12/31/22 | 0 | 0 | 0 |
| | | 6935864 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 09/01/16 | 12/31/22 | 448,492 | 3,684,603 | 307,120 |
| | | 6935865 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 09/01/16 | 12/31/22 | 15,527 | 502,755 | (70) |
| | | 6935866 | C | P063007 | AGMT DTD 02/13/2016 | Whittle /Andrew | 09/01/16 | 12/31/22 | 0 | 124,563 | 226 |
| | | 6935867 | C | P067952 | AGMT DTD 02/13/2016 | Rus /Daniela L | 09/01/16 | 12/31/22 | 108,772 | 678,076 | 34,304 |
| | | 6935868 | C | P035000 | AGMT DTD 02/13/2016 | Frenchman /Dennis M | 09/01/16 | 12/31/22 | 0 | 115,336 | (0) |
| | | 6938107 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 11/01/17 | 02/28/22 | 30,874 | 424,203 | 0 |
| | | 6947151 | C | P035000 | AGMT DTD 02/13/2016 | Ratti /Carlo | 01/01/22 | 12/31/22 | 5,354 | 19,100 | 13,746 |
| | **Total by Primary Sponsor** | | | | | | | | **609,018** | **5,562,966** | **355,325** |
| 011935 IKEA | 011935 IKEA | 6931631 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 01/01/15 | 12/31/15 | 0 | 99,971 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **99,971** | **0** |
| 011941 TATA PROJECTS LIMITED | 011941 TATA PROJECTS LIMITED | 6931919 | C | P065005 | SRA DTD. 07/16/2015 | Winter /Amos G | 07/01/15 | 08/31/19 | 0 | 662,063 | (218,858) |
| | | 6940207 | C | P065005 | SRA DTD. 07/16/2015 | Winter /Amos G | 06/24/18 | 08/31/19 | 0 | 171,104 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **833,168** | **(218,858)** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 011948 Democracy Fund, Inc. | 011948 Democracy Fund, Inc. | 6944635 | C | P095500 | 202004-05632 | Stewart /Charles H | 12/01/20 | 11/30/22 | 340,230 | 400,000 | 10,946 |
| | **Total by Primary Sponsor** | | | | | | | | **340,230** | **400,000** | **10,946** |
| 011965 Merck, Sharpe and Dohme Corp | 011965 Merck, Sharpe and Dohme Corp | 6936869 | C | P061901 | LKR157861 | Shalek /Alexander K | 09/12/17 | 03/11/20 | (0) | 394,866 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(0)** | **394,866** | **0** |
| 011970 Wistron Corporation | 011970 Wistron Corporation | 6937050 | C | P067950 | AGMT. DTD. 9/1/17 | Rus /Daniela L | 09/01/17 | 08/31/24 | 32,382 | 406,872 | 374,490 |
| | | 6937863 | C | P067950 | AGMT. DTD. 9/1/17 | Rus /Daniela L | 07/01/17 | 08/31/22 | 158,812 | 750,000 | 87,178 |
| | | 6937864 | C | P067952 | AGMT. DTD. 9/1/17 | Katabi /Dina | 09/01/17 | 08/31/20 | (41,180) | 543,129 | 0 |
| | | 6937865 | C | P067952 | AGMT. DTD. 9/1/17 | Golland /Polina | 09/01/17 | 08/31/21 | 37,521 | 1,199,999 | 0 |
| | | 6937866 | C | P067952 | AGMT. DTD. 9/1/17 | Guttag /John V | 09/01/17 | 08/31/21 | 33,570 | 1,200,000 | (0) |
| | | 6946574 | C | P067952 | AGMT. DTD. 9/1/17 | Sanchez Martin /Daniel | 09/01/21 | 08/31/22 | 110,611 | 300,000 | 189,389 |
| | | 6946575 | C | P067952 | AGMT. DTD. 9/1/17 | Guttag /John V | 09/01/21 | 08/31/22 | 369,695 | 300,000 | (69,695) |
| | | 6946576 | C | P067952 | AGMT. DTD. 9/1/17 | Matusik /Wojciech | 09/01/21 | 08/31/22 | 37,082 | 125,000 | 87,918 |
| | | 6946577 | C | P067952 | AGMT. DTD. 9/1/17 | Golland /Polina | 09/01/21 | 08/31/22 | 216,726 | 300,000 | 83,274 |
| | | 6946670 | C | P067952 | AGMT. DTD. 9/1/17 | Torralba /Antonio | 09/01/21 | 08/31/22 | 43,358 | 125,000 | 81,642 |
| | **Total by Primary Sponsor** | | | | | | | | **998,575** | **5,250,000** | **834,196** |
| 011977 Bloomberg Philanthropies | 006570 Massachusetts General Hospital | 6947638 | C | P061902 | 239193 | Greenberg /Julie E | 03/23/22 | 05/31/22 | 3,518 | 3,519 | 1 |
| | **Total by Primary Sponsor** | | | | | | | | **3,518** | **3,519** | **1** |
| 011980 Ping An Technology | 011980 Ping An Technology | 6931182 | C | P067952 | AGREEMENT DATED JANUARY 1, 2015 | Rus /Daniela L | 01/01/15 | 12/31/18 | 299 | 822,710 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **299** | **822,710** | **(0)** |
| 011994 University of Hawaii Foundation | 007646 University of Hawaii | 6942071 | C | P065005 | MA 1496 | Peacock /Thomas | 04/01/19 | 06/30/22 | 6,836 | 34,489 | 2,372 |
| | | 6942609 | C | P065005 | MA 1496 | Lermusiaux /Pierre | 04/01/19 | 01/31/22 | 18,681 | 80,000 | 21,514 |
| | | 6944785 | C | P065005 | MA 1496 | Peacock /Thomas | 01/01/21 | 01/31/22 | 26,666 | 35,511 | 1,976 |
| | **Total by Primary Sponsor** | | | | | | | | **52,182** | **150,000** | **25,862** |
| 011996 Sarepta Therapeutics Inc | 011996 Sarepta Therapeutics Inc | 6932419 | C | P152000 | SRPT105362 | Pentelute /Bradley L. | 06/17/15 | 12/31/24 | 505,645 | 3,594,400 | 290,075 |
| | **Total by Primary Sponsor** | | | | | | | | **505,645** | **3,594,400** | **290,075** |
| 012043 SHANGHAI INSTITUTE OF NUCLEAR APPLIED PHYSICS, CHINESE ACADEMY | 012043 SHANGHAI INSTITUTE OF NUCLEAR APPLIED PHYSICS, CHINESE ACADEMY | 6931460 | C | P264000 | SINAP MASTER RESEARCH AGREEMENT | Forsberg /Charles W | 07/01/15 | 06/30/18 | (919) | 301,352 | (0) |
| | | 6939823 | C | P264000 | SINAP MASTER RESEARCH AGREEMENT | Hu /Lin-Wen | 09/01/18 | 09/30/21 | 43,593 | 390,165 | 0 |
| | | 6939824 | C | P264000 | SINAP MASTER RESEARCH AGREEMENT | Hu /Lin-Wen | 09/01/18 | 09/30/21 | 28,939 | 81,450 | 0 |
| | | 6939825 | C | P264000 | SINAP MASTER RESEARCH AGREEMENT | Forsberg /Charles W | 09/01/18 | 09/30/21 | 1,226 | 306,000 | (0) |
| | | 6939826 | C | P264000 | SINAP MASTER RESEARCH AGREEMENT | Forsberg /Charles W | 09/01/18 | 09/30/21 | 45,794 | 279,888 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **118,633** | **1,358,854** | **(0)** |
| 012076 The Leona M. and Harry B. Helmsley Charitable Trust | 006195 Indiana Univers | 6946686 | C | P062000 | 9045_MIT, PO#0424685 | Strano /Michael S. | 07/01/21 | 09/30/22 | 42,130 | 44,000 | 1,870 |
| | 006570 Massachusetts General Hospital | 6945868 | C | P061902 | 238478 | Greenberg /Julie E | 06/01/21 | 02/28/22 | 53,142 | 53,142 | 0 |
| | | 6947636 | C | P061902 | 233614 | Greenberg /Julie E | 01/16/22 | 05/14/22 | 7,676 | 8,745 | 1,069 |
| | | 6947637 | C | P061902 | 238478 | Greenberg /Julie E | 03/01/22 | 05/31/22 | 20,796 | 20,797 | 1 |
| | 012076 The Leona M. and Harry B. Helmsley Charitable Trust | 6940047 | C | P267600 | GRANT #3239 | Lu /Timothy K | 12/01/18 | 11/30/21 | 29,003 | 763,011 | (1,554) |
| | | 6940534 | C | P065005 | GRANT #1911-03347 | Traverso /Carlo Giovanni | 03/01/19 | 02/28/22 | 177,884 | 1,774,790 | 3,477 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940738 | C | P065005 | GRANT #3239 | Traverso /Carlo Giovanni | 12/01/18 | 11/30/21 | 217,504 | 840,989 | (82) |
| | **Total by Primary Sponsor** | | | | | | | | **548,134** | **3,505,473** | **4,781** |
| 012102 Northrop Grumman Corporation | 012102 Northrop Grumman Corporation | 6935808 | C | P067952 | AGMT. DTD. 9/1/09 | Shrobe /Howard E | 09/01/16 | 08/31/17 | 0 | 0 | 0 |
| | | 6935809 | C | P069400 | AGMT. DTD. 9/1/09 | Pentland /Alex Paul | 09/01/16 | 08/31/17 | 0 | 191,654 | (0) |
| | | 6937568 | C | P067952 | AGMT. DTD. 9/1/09 | Kagal /Lalana S | 10/01/17 | 08/31/20 | 0 | 396,442 | (0) |
| | | 6937569 | C | P069400 | AGMT. DTD. 9/1/09 | Pentland /Alex Paul | 10/01/17 | 09/30/18 | 0 | 145,000 | (0) |
| | | 6941201 | C | P061096 | PO 7500168195 | Tan /Choon S | 07/01/19 | 10/31/22 | 292,436 | 753,610 | 145,333 |
| | | 6943502 | C | P061097 | | Cahoy /Kerri | 01/01/20 | 02/28/21 | (2,861) | 200,000 | (0) |
| | | 6945176 | C | P061097 | PO 5300020869 | Cahoy /Kerri | 01/01/21 | 12/31/22 | 90,252 | 323,000 | 72,996 |
| | | 6945873 | C | P061097 | PO 5300020869 | Cahoy /Kerri | 01/01/21 | 12/31/22 | 98,526 | 137,000 | 38,474 |
| | **Total by Primary Sponsor** | | | | | | | | **478,353** | **2,146,707** | **256,804** |
| 012120 ExxonMobil Globa Services Company | 012120 ExxonMobil Global Services Company | 6933820 | C | P320000 | EXXON-MOBIL MEMBER AGMT 10/1/14 | Fisher /John W | 03/01/16 | 02/28/18 | 0 | 635,281 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **635,281** | **0** |
| 012137 MKS Instruments | 012137 MKS Instrumen | 6940948 | C | P267110 | SRA DTD 10/02/2019 | Perreault /David J | 09/01/19 | 12/31/22 | 228,862 | 654,051 | 61,721 |
| | **Total by Primary Sponsor** | | | | | | | | **228,862** | **654,051** | **61,721** |
| 012168 The G. Harold & Leila Y. Mathers Charitable Foundation | 012168 The G. Harold & Leila Y. Mathers Charitable Foundation | 6938844 | C | P152000 | MIT183 | Shoulders /Matthew D. | 06/15/18 | 12/14/21 | 49,710 | 615,831 | 39 |
| | | 6938859 | C | P400600 | AGREEMENT DTD. 5/25/18 | Zhang /Feng | 06/15/18 | 06/14/21 | 12,745 | 750,000 | 5,685 |
| | | 6938863 | C | P151065 | MIT181 | Boyer /Laurie Ann | 06/15/18 | 06/14/21 | 1,942 | 742,471 | 0 |
| | | 6939159 | C | P152000 | MIT183 | Shoulders /Matthew D. | 06/15/18 | 12/14/21 | 0 | 134,169 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944581 | C | P400600 | AGRMT DATED 12/2/2020 | Jasanoff /Alan Pradip | 01/01/21 | 12/31/23 | 179,481 | 533,334 | 179,530 |
| | | 6944763 | C | P159300 | AGRMT DATED 12/17/2020 | Heiman /Myriam | 01/01/21 | 12/31/23 | 272,544 | 466,044 | 193,500 |
| | | 6945309 | C | P400600 | AGRMT DATED 04/08/21 | Abudayyeh /Omar Osama | 07/01/21 | 06/30/23 | 350,861 | 714,533 | 363,672 |
| | | 6945384 | C | P069201 | 6945384 | Hansen /Anders Sejr | 06/01/21 | 05/31/24 | 74,758 | 198,704 | 123,947 |
| | | 6947529 | C | P039000 | MF-2111-02062 | Sarkar /Deblina | 05/01/22 | 04/30/25 | 24,378 | 300,000 | 275,622 |
| | **Total by Primary Sponsor** | | | | | | | | **966,419** | **4,455,087** | **1,141,995** |
| 012216 OCP S.A. | 012216 OCP S.A. | 6934050 | C | P063076 | AGMT DATED 9/28/2015 | Eltahir /Elfatih A. B. | 10/01/15 | 12/31/26 | 219,248 | 2,700,000 | 1,362,348 |
| | | 6934320 | C | P063076 | AGMT DATED 9/28/2015 | Eltahir /Elfatih A. B. | 09/01/16 | 12/31/22 | 145,486 | 750,483 | 32,829 |
| | | 6934826 | C | P152000 | AGMT DATED 9/28/2015 | Cummins /Christopher C | 10/01/16 | 12/31/21 | 60,502 | 450,000 | (194) |
| | | 6935996 | C | P063076 | AGMT DATED 9/28/2015 | Fernandez /John | 10/01/16 | 05/31/23 | 51,174 | 749,563 | 265,546 |
| | | 6935997 | C | P062000 | AGMT DATED 9/28/2015 | Barton /Paul I | 10/01/16 | 08/31/22 | 214,430 | 750,000 | 21,067 |
| | | 6935998 | C | P063076 | AGMT DATED 9/28/2015 | Marelli /Benedetto | 10/01/16 | 08/31/22 | 134,532 | 749,954 | 11,523 |
| | | 6937374 | C | P152000 | AGMT DATED 9/28/2015 | Surendranath /Yogesh | 10/01/16 | 09/30/21 | 20,774 | 299,829 | 0 |
| | | 6940734 | C | P417500 | AGMT DTD 2/1/19 | Allanore /Antoine | 02/01/19 | 01/31/22 | 26 | 159,051 | 115,226 |
| | | 6941773 | C | P069400 | AGMT DATED 9/1/19 | de Neufville /Richard L | 09/01/19 | 08/31/21 | 36,460 | 278,290 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **882,632** | **6,887,170** | **1,808,346** |
| 012227 Abdul Latif Jameel Community Initiatives International Limited | 012227 Abdul Latif Jameel Community Initiatives International Limited | 6931848 | C | P402410 | AGREEMNT DTD 04/21/2015 | Lienhard /John H | 04/21/15 | 04/20/23 | 0 | 987,345 | 984,283 |
| | | 6932868 | C | P402410 | AGMT. DTD. 4/21/2015 | Strano /Michael S. | 09/01/15 | 08/31/17 | 0 | 149,929 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6932869 | C | P402410 | AGREEMNT DTD 04/21/2015 | Grossman /Jeffrey C. | 09/01/15 | 08/31/16 | 0 | 149,893 | 0 |
| | | 6933057 | C | P402410 | AGMT. DTD. 4/21/2015 | Sinskey /Anthony J | 09/01/15 | 12/31/17 | 0 | 150,000 | 0 |
| | | 6934781 | C | P402410 | AGREEMNT DTD 04/21/2015 | Chen /Gang | 09/01/16 | 11/30/17 | 0 | 150,000 | 0 |
| | | 6934782 | C | P402410 | AGREEMNT DTD 04/21/2015 | Hatton /Trevor Alan | 09/01/16 | 08/31/17 | 0 | 150,000 | (0) |
| | | 6934783 | C | P402410 | AGREEMNT DTD 04/21/2015 | Karnik /Rohit | 09/01/16 | 08/31/18 | 0 | 123,890 | (0) |
| | | 6934947 | C | P402410 | AGREEMNT DTD 04/21/2015 | Klibanov /Alexander M | 09/01/16 | 08/31/18 | 0 | 300,000 | (0) |
| | | 6935043 | C | P402410 | AGREEMNT DTD 04/21/2015 | Smith /Amy B | 09/01/16 | 12/31/18 | 0 | 172,794 | 0 |
| | | 6937219 | C | P402410 | AGREEMNT DTD 04/21/2015 | Lienhard /John H | 09/01/17 | 08/31/19 | 0 | 142,384 | (0) |
| | | 6937220 | C | P402410 | AGREEMNT DTD 04/21/2015 | Varanasi /Kripa | 09/01/17 | 09/30/21 | (413) | 300,000 | 0 |
| | | 6937538 | C | P402410 | AGREEMNT DTD 04/21/2015 | Sarma /Sanjay E | 09/01/17 | 12/31/18 | 0 | 99,918 | 0 |
| | | 6939696 | C | P402410 | AGREEMNT DTD 04/21/2015 | Ghoniem /Ahmed F | 09/01/18 | 12/31/19 | 0 | 132,555 | 0 |
| | | 6939709 | C | P402410 | AGREEMNT DTD 04/21/2015 | Ravel /Jeffrey S | 09/01/18 | 08/31/20 | 0 | 256,396 | 0 |
| | | 6939783 | C | P402410 | AGREEMNT DTD 04/21/2015 | Hart /Anastasios John | 09/01/18 | 08/31/21 | 1,114 | 150,000 | (0) |
| | | 6940507 | C | P402410 | AGREEMNT DTD 04/21/2015 | Ghoniem /Ahmed F | 03/01/19 | 12/31/19 | 0 | 10,330 | 0 |
| | | 6941459 | C | P402410 | AGREEMNT DTD 04/21/2015 | Gleason /Karen K | 09/01/19 | 12/31/20 | 0 | 150,000 | (0) |
| | | 6945089 | C | P402410 | AGREEMNT DTD 04/21/2015 | de Weck /Olivier L | 03/01/21 | 02/28/22 | 54,808 | 113,183 | 0 |
| | | 6946186 | C | P402410 | AGREEMNT DTD 04/21/2015 | Han /Jongyoon | 09/01/21 | 08/31/22 | 65,395 | 150,000 | 84,605 |
| | | 6946215 | C | P402410 | AGREEMNT DTD 04/21/2015 | Frey /Daniel | 04/21/15 | 08/31/22 | 112,436 | 150,000 | 37,564 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946358 | C | P402410 | AGREEMNT DTD 04/21/2015 | Stephanopoulos /Gregory | 09/01/21 | 08/31/22 | 134,153 | 150,000 | 15,847 |
| | **Total by Primary Sponsor** | | | | | | | | **367,493** | **4,138,618** | **1,122,299** |
| 012229 Kenneth Rainin Foundation | 012229 Kenneth Rainin Foundation | 6947357 | C | P159300 | 20220032 | Choi /Bohyun Gloria | 06/01/22 | 05/31/23 | 0 | 147,800 | 147,800 |
| | | 6947471 | C | P159300 | 20220032 | Choi /Bohyun Gloria | 06/01/22 | 05/31/23 | 0 | 2,200 | 2,200 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,000** | **150,000** |
| 012231 Yokogawa Electric Corp. | 012231 Yokogawa Electric Corp. | 6945867 | C | P039010 | AGREEMENT DATED 7/7/21 | Ishii /Hiroshi | 05/01/21 | 04/30/23 | 36,413 | 50,000 | 13,588 |
| | **Total by Primary Sponsor** | | | | | | | | **36,413** | **50,000** | **13,588** |
| 012234 ActuaTech Foundation | 012234 ActuaTech Foundation | 6931842 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 05/01/15 | 04/30/20 | 0 | 3,634,687 | (0) |
| | | 6941690 | C | P039010 | MEDIA LAB CONSORTIA | Larson /Kent | 09/01/19 | 04/30/20 | 0 | 14,531 | 0 |
| | | 6944606 | C | P039000 | AGREEMENT DATED NOVEMBER 19,2020 | Larson /Kent | 05/01/20 | 04/30/21 | 68,896 | 250,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **68,896** | **3,899,219** | **(0)** |
| 012239 Novo Nordisk Foundatio | 007787 Whitehead Institute/Biomedical Research | 6938161 | C | P402000 | 30-1915-9902 | Sharp /Phillip A | 12/15/17 | 12/14/22 | 257,619 | 781,721 | 341,696 |
| | | 6938277 | C | P069201 | 30-1915-9902 | Griffith /Linda G | 12/15/17 | 12/14/22 | 684,037 | 1,966,131 | 124,764 |
| | | 6939772 | C | P069201 | 30-1915-9902 | Griffith /Linda G | 10/01/18 | 09/30/19 | 0 | 14,936 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **941,656** | **2,762,788** | **466,460** |
| 100000 Future Of Life Institute | 100000 Future Of Life Institute | 6939761 | C | P154500 | 2018-190186 (5388) | Tenenbaum /Joshua B | 09/01/18 | 08/31/22 | 31,172 | 150,000 | 66 |
| | **Total by Primary Sponsor** | | | | | | | | **31,172** | **150,000** | **66** |
| 100060 New Venture Fund | 100060 New Venture Fund | 6941662 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 72,107 | 4,450,000 | 3,969,128 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942028 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 167,593 | 1,500,000 | 986,723 |
| | | 6942029 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 2,500,775 | 500,000 | (5,297,898) |
| | | 6942356 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 672,828 | 2,000,000 | 1,100,716 |
| | | 6942357 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 1,530,215 | 1,000,000 | (1,130,439) |
| | | 6943135 | C | P091020 | NVF - 008630 | Banerjee /Abhijit | 01/01/19 | 06/30/25 | 268,498 | 1,000,000 | 551,659 |
| | | 6946284 | C | P405028 | 015134-2021-07-01 | Gabrieli /John D. E. | 07/01/21 | 08/31/22 | 78,982 | 100,000 | 21,018 |
| | **Total by Primary Sponsor** | | | | | | | | **5,290,997** | **10,550,000** | **200,908** |
| 100222 BV Tech Spa | 100222 BV Tech Spa | 6942566 | C | P121110 | AGMT DTD. 2/3/2020 | Siegel /Michael D | 02/04/20 | 06/30/23 | 252,732 | 1,270,000 | 355,114 |
| | **Total by Primary Sponsor** | | | | | | | | **252,732** | **1,270,000** | **355,114** |
| 100248 Empiriko Corporation | 100248 Empiriko Corporation | 6944847 | C | P060600 | AGREEMENT EFFECTIVE JAN 28, 2021 | Velasquez-Heller /Luis Fernand | 02/01/21 | 05/31/24 | 0 | 9,006,922 | 9,006,922 |
| | | 6944848 | C | P060600 | AGREEMENT EFFECTIVE JAN 28, 2021 | Velasquez-Heller /Luis Fernand | 02/01/21 | 05/31/24 | 783,574 | 1,050,000 | 254,154 |
| | | 6947230 | C | P060600 | AGREEMENT EFFECTIVE JAN 28, 2021 | Velasquez-Heller /Luis Fernand | 03/01/21 | 05/31/24 | 5,824 | 6,325 | 501 |
| | **Total by Primary Sponsor** | | | | | | | | **789,398** | **10,063,247** | **9,261,577** |
| 100249 HeHa Digital Health Limited | 100249 HeHa Digital Health Limited | 6932325 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 07/01/15 | 06/30/16 | 0 | 398,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **398,000** | **(0)** |
| 100548 King Abdullah University of Science and Technology (KAUST) | 100548 King Abdullah University of Science and Technology (KAUST) | 6936217 | C | P065005 | OSR-2016-RPP-3268.03 | Lermusiaux /Pierre | 05/01/17 | 12/31/21 | 21,725 | 159,997 | 13,175 |
| | | 6937875 | C | P065004 | OSR-2017-CRG6-3408.02 | Akylas /Triantaphyllos R | 07/01/18 | 06/30/19 | 123 | 34,793 | (0) |
| | | 6937876 | C | P065004 | OSR-2017-CRG6-3408.02 | Akylas /Triantaphyllos R | 07/01/19 | 06/30/20 | 93 | 35,908 | (0) |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937877 | C | P065004 | OSR-2017-CRG6-3408.02 | Akylas /Triantaphyllos R | 07/01/20 | 03/31/21 | 793 | 36,998 | 0 |
| | | 6940753 | C | P068700 | OSR-2018-CRG7-3756.2 | Dahleh /Munther A | 04/01/19 | 09/30/21 | 154 | 185,477 | (0) |
| | | 6943305 | C | P062000 | OSR-2015-SENSORS 2707 | Strano /Michael S. | 07/01/20 | 06/30/21 | (37) | 68,791 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **22,851** | **521,963** | **13,175** |
| 100742 Abiomed | 100742 Abiomed | 6933597 | C | P061901 | AGMT EFF DATE 5/1/16 | Edelman /Elazer R | 05/01/16 | 04/30/23 | 262,168 | 2,692,725 | 760,989 |
| | **Total by Primary Sponsor** | | | | | | | | **262,168** | **2,692,725** | **760,989** |
| 100785 Northrop Grumman Information Systems Sector | 100785 Northrop Grumman Information Systems Sector | 6920761 | C | P067950 | AGMT. DTD. 9/1/09 | Rus /Daniela L | 09/01/09 | 08/31/22 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **0** | **0** |
| 100825 Cardiatis S.A. Limited | 100825 Cardiatis S.A. Limited | 6932976 | C | P061901 | AGMT. EXEC. DATE 4/11/16 | Edelman /Elazer R | 04/01/16 | 12/31/22 | 1,503 | 621,413 | 228,308 |
| | **Total by Primary Sponsor** | | | | | | | | **1,503** | **621,413** | **228,308** |
| 100985 National Geographic Society | 100985 National Geographic Society | 6942131 | C | P031000 | NGS-5405T-19 | Tibbits /Skylar | 03/01/20 | 12/31/22 | 15,352 | 29,000 | 10,164 |
| | **Total by Primary Sponsor** | | | | | | | | **15,352** | **29,000** | **10,164** |
| 101032 Philips Research North America | 101032 Philips Research North Americ | 6936540 | C | P067952 | EXHIBIT B-9 AGMT DATED 6/1/17 | Golland /Polina | 06/01/17 | 05/31/21 | 23,868 | 758,629 | (0) |
| | | 6936693 | C | P067952 | PO 4520233664 | Golland /Polina | 07/01/17 | 06/30/22 | 20,660 | 719,971 | 88,135 |
| | | 6938036 | C | P067952 | PO 4520217705 | Barzilay /Regina | 01/01/18 | 12/31/18 | 0 | 195,886 | (0) |
| | | 6942231 | C | P060600 | PO 4520169503 - EFF 5/19/15 MRCA (HEALTH TECH) | Sodini /Charles G | 09/01/19 | 08/31/22 | 215,440 | 499,374 | 60,271 |
| | | 6942405 | C | P065004 | PO 4520169503 - EFF 5/19/15 MRCA (HEALTH TECH) | Anthony /Brian | 09/01/19 | 08/31/22 | 148,256 | 379,432 | (674) |
| | | 6942406 | C | P060600 | PO 4520169503 - EFF 5/19/15 MRCA (HEALTH TECH) | Lee /Hae-Seung | 09/01/19 | 08/31/22 | 19,534 | 50,000 | 30,466 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **427,757** | **2,603,292** | **178,199** |
| 101049 HP Inc. | 101049 HP Inc. | 6946279 | C | P093800 | PO 9100091051 | Klopfer /Eric | 10/01/21 | 08/31/22 | 62,760 | 99,321 | 36,561 |
| | **Total by Primary Sponsor** | | | | | | | | **62,760** | **99,321** | **36,561** |
| 101069 ProTom International Holding Corporation | 101069 ProTom International Holding Corporation | 6937338 | C | P159900 | AGREEMENT DATED SEP 1, 2017 | Kelsey /James E | 09/01/17 | 12/31/22 | 0 | 145,608 | 45,002 |
| | | 6945169 | C | P159900 | AGREEMENT DATED SEP 1, 2017 | Kelsey /James E | 09/01/17 | 12/31/22 | 137,184 | 407,392 | 210,649 |
| | **Total by Primary Sponsor** | | | | | | | | **137,184** | **553,000** | **255,651** |
| 101182 Calico Life Sciences LLC | 101182 Calico Life Sciences LLC | 6933578 | C | P402000 | AGREEMENT DATED 2/16/2016 | Vander Heiden /Matthew G. | 04/16/16 | 07/01/21 | 0 | 801,288 | (0) |
| | | 6933837 | C | P402000 | AGREEMENT DATED 2/16/2016 | Jacks /Tyler E | 04/01/16 | 12/31/19 | 0 | 1,092,440 | 0 |
| | | 6940814 | C | P152000 | AGMT. DTD. 6/10/19 | Pentelute /Bradley L. | 05/31/19 | 07/31/22 | 615,394 | 2,013,497 | 94,865 |
| | | 6946334 | C | P152000 | SRA DTD 09/28/2021 | Pentelute /Bradley L. | 09/27/21 | 09/27/23 | 92,750 | 355,978 | 263,228 |
| | **Total by Primary Sponsor** | | | | | | | | **708,144** | **4,263,203** | **358,093** |
| 101242 DP World Limited | 101242 DP World Limite | 6943528 | C | P039010 | AGREEMENT DATED 5/18/20 | Breazeal /Cynthia Lynn | 04/01/20 | 03/31/23 | 0 | 0 | 0 |
| | | 6943772 | C | P093800 | AGREEMENT DATED 5/18/20 | Klopfer /Eric | 04/01/20 | 03/31/23 | 801,174 | 1,748,972 | 508,342 |
| | | 6943773 | C | P067952 | AGREEMENT DATED 5/18/20 | Abelson /Harold | 04/01/20 | 03/31/23 | 467,253 | 923,252 | 373,888 |
| | | 6943774 | C | P039010 | AGREEMENT DATED 5/18/20 | Breazeal /Cynthia Lynn | 04/01/20 | 03/31/23 | 2,505,170 | 7,081,603 | 2,896,866 |
| | | 6945031 | C | P039010 | AGREEMENT DATED 5/18/20 | Breazeal /Cynthia Lynn | 04/01/20 | 03/31/23 | 47,747 | 246,173 | 62,115 |
| | | 6945866 | C | P069500 | DHO-21-4627 | Sheffi /Yosef | 07/09/21 | 07/08/22 | 77,479 | 250,000 | 172,521 |
| | **Total by Primary Sponsor** | | | | | | | | **3,898,823** | **10,250,000** | **4,013,730** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 101244 Ferrero International SA | 101244 Ferrero International SA | 6937119 | C | P039010 | PO# 4109007673 | Harper /Caleb Benjamin | 05/01/17 | 02/28/19 | 0 | 212,039 | (0) |
| | | 6937413 | C | P039010 | AGREEMENT DATED 5/1/2017 | Harper /Caleb Benjamin | 09/01/17 | 02/28/19 | 0 | 93,517 | 0 |
| | | 6937414 | C | P039010 | AGREEMENT DATED 5/1/2017 | Harper /Caleb Benjamin | 09/01/17 | 02/28/19 | 0 | 35,962 | 0 |
| | | 6937847 | C | P039010 | AGREEMENT EFF 10/1/17 | Ishii /Hiroshi | 07/01/13 | 12/31/19 | 0 | 249,976 | (0) |
| | | 6940296 | C | P039010 | AGREEMENT DATED JAN 2, 2019 | Paradiso /Joseph A | 01/01/19 | 02/28/19 | 0 | 32,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **623,494** | **(0)** |
| 101246 Hong Kong Jockey Club Charities Trust | 101246 Hong Kong Jockey Club Charities Trust | 6933663 | C | P067952 | AGREEMENT DATED 5/1/16 | Abelson /Harold | 05/01/16 | 10/31/23 | 911,726 | 7,143,814 | 623,872 |
| | **Total by Primary Sponsor** | | | | | | | | **911,726** | **7,143,814** | **623,872** |
| 101286 The Royal Society | 007577 Queen Mary, University of London | 6947779 | C | P062000 | WT 5970916 | Brushett /Fikile R | 03/01/22 | 03/31/24 | 0 | 10,257 | 10,257 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **10,257** | **10,257** |
| 101293 Vlkbio Tec | 101293 Vlkbio Tech | 6934504 | C | P267300 | AGREEMENT EFFECTIVE 03/01/2016 | Dresselhaus /Mildred S | 03/01/16 | 10/31/16 | 0 | 38,502 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **38,502** | **0** |
| 101348 Philip Morris Products SA | 101348 Philip Morris Products SA | 6943486 | C | P152000 | PO 5700306904 | Swager /Timothy M | 07/01/20 | 06/30/23 | 141,180 | 295,022 | 16,112 |
| | | 6943664 | C | P066000 | 5700100140 | Grossman /Jeffrey C. | 07/01/20 | 06/30/23 | 152,660 | 295,022 | (1,610) |
| | | 6943665 | C | P062000 | 5700100140 | Hatton /Trevor Alan | 07/01/20 | 06/30/23 | 104,460 | 295,022 | 24,467 |
| | **Total by Primary Sponsor** | | | | | | | | **398,300** | **885,065** | **38,969** |
| 101603 Children's Trust of South Carolina | 006977 Harvard School of Public Health | 6935367 | C | P091021 | 209450-5099853 | Bates /Mary Ann | 03/15/16 | 12/31/22 | 0 | 340,530 | 478 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **340,530** | **478** |



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**Fiscal Year 2022**

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 101604 Stone Edge Farm | 104968 Oxeon Energy, LLC | 6944955 | C | P068000 | AGRMT DATED 2/24/21 | Yildiz /Bilge | 03/01/21 | 02/28/23 | 189,875 | 360,000 | 115,358 |
| | | 6945899 | C | P068000 | AGRMT DATED 2/24/21 | Yildiz /Bilge | 04/15/21 | 02/28/22 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **189,875** | **360,000** | **115,358** |
| 101622 Defence Science and Technology Group, Department of Defence | 101622 Defence Scienc and Technology Group, Department of Defence | 6940633 | C | P062000 | PO#4501071448 | Rutledge /Gregory C | 04/12/19 | 03/31/22 | (11,571) | 127,549 | 317 |
| | **Total by Primary Sponsor** | | | | | | | | **(11,571)** | **127,549** | **317** |
| 101662 Prolec S.A. de C.V. | 101662 Prolec S.A. de C.V. | 6935268 | C | P267110 | AGREEMENT EFFECTIVE 11/01/16 | Cooke /Chathan M | 01/01/17 | 12/31/21 | 169,486 | 1,138,405 | 42,779 |
| | | 6935597 | C | P267110 | AGREEMENT EFFECTIVE 11/01/16 | Cooke /Chathan M | 02/01/17 | 12/31/21 | 18,610 | 93,792 | (705) |
| | **Total by Primary Sponsor** | | | | | | | | **188,095** | **1,232,197** | **42,074** |
| 101822 Brigham Research Institute | 101822 Brigham Research Institute | 6942174 | C | P065004 | 122137 | Kolle /Mathias | 11/01/19 | 10/31/21 | 36,482 | 115,000 | 41 |
| | **Total by Primary Sponsor** | | | | | | | | **36,482** | **115,000** | **41** |
| 101843 Cancer Research UK | 007685 University of Edinburgh | 6942607 | C | P402000 | C42454/A28596 REF. 7054685 | Hammond /Paula T | 01/01/20 | 12/31/24 | 395,970 | 641,409 | (59,457) |
| | | 6943096 | C | P402000 | C42454/A28596 REF. 7054685 | Yaffe /Michael B | 01/01/20 | 12/31/24 | 129,085 | 545,519 | 220,328 |
| | | 6945168 | C | P402000 | C42454/A28596 REF. 7054685 | White /Forest M | 01/01/20 | 12/31/24 | 119,045 | 154,000 | 28,777 |
| | 101843 Cancer Research UK | 6935966 | C | P400600 | C60839/A25036 | Boyden /Edward | 05/01/17 | 04/30/23 | 306,347 | 1,819,545 | 258,611 |
| | **Total by Primary Sponsor** | | | | | | | | **950,447** | **3,160,473** | **448,259** |
| 101865 Research Corporation For Science Advancement | 101865 Research Corporation For Science Advancement | 6935804 | C | P152000 | AWARD #24088 | Willard /Adam P. | 07/01/17 | 12/31/21 | 53,511 | 100,000 | (0) |
| | | 6940321 | C | P158000 | AWARD #25928 | Perez /Kerstin M. | 07/01/19 | 06/30/22 | (8,092) | 100,000 | 0 |
| | | 6945693 | C | P267110 | AGMT EFF 8/1/21 | You /Sixian | 08/01/21 | 07/31/22 | 55,010 | 55,000 | (10) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **100,428** | **255,000** | **(10)** |
| 101906 Wal-mart Foundation | 101906 Wal-mart Foundation | 6935004 | C | P121580 | AGREEMENT DTD. 10/17/2016 | Levi /Retsef | 10/01/16 | 10/30/20 | 0 | 3,231,901 | 0 |
| | | 6935427 | C | P121580 | AGREEMENT DTD. 10/17/2016 | Springs /Stacy | 10/31/16 | 10/30/20 | 0 | 728,765 | 0 |
| | | 6936287 | C | P121580 | AGREEMENT DTD. 10/17/2016 | Springs /Stacy | 10/31/16 | 10/30/20 | 0 | 283,540 | 0 |
| | | 6936288 | C | P121580 | AGREEMENT DTD. 10/17/2016 | Springs /Stacy | 10/31/16 | 10/30/20 | 0 | 320,437 | (0) |
| | | 6941975 | C | P121580 | 42238569 | Springs /Stacy | 10/31/19 | 10/30/22 | 275,733 | 546,574 | 35,998 |
| | | 6941976 | C | P121580 | 42238569 | Levi /Retsef | 10/31/19 | 10/30/22 | 330,190 | 2,156,375 | 486,327 |
| | | 6941977 | C | P121580 | 42238569 | Springs /Stacy | 10/31/19 | 11/01/21 | 0 | 123,599 | 0 |
| | | 6941978 | C | P121580 | 42238569 | Springs /Stacy | 10/31/19 | 10/30/22 | 5,631 | 157,704 | 3,402 |
| | **Total by Primary Sponsor** | | | | | | | | **611,553** | **7,548,896** | **525,726** |
| 101948 Synfuels Americas | 101948 Synfuels Americas | 6935381 | C | P065005 | AGMT DTD 1/1/17 | Youcef-Toumi /Kamal | 01/01/17 | 08/31/21 | 26,072 | 956,897 | 0 |
| | | 6938868 | C | P065005 | AGMT DTD 1/1/17 | Youcef-Toumi /Kamal | 01/01/17 | 08/31/21 | 0 | 75,216 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **26,072** | **1,032,113** | **0** |
| 101992 International Food Policy Research Institute | 101992 International Food Policy Research Institute | 6941819 | C | P159400 | RA NO. 2019X252.MIT | Strzepek /Kenneth | 07/01/19 | 03/31/22 | 68,266 | 224,989 | (1) |
| | **Total by Primary Sponsor** | | | | | | | | **68,266** | **224,989** | **(1)** |
| 102008 CN Bio Innovations Limite | 102008 CN Bio Innovations Limited | 6943332 | C | P069201 | AGMT DTD. 06/02/2020 | Trumper /David L | 06/01/20 | 05/31/21 | (5,834) | 100,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(5,834)** | **100,000** | **0** |
| 102112 Shima Seiki Mfg, Ltd | 102112 Shima Seiki Mfg Ltd | 6944834 | C | P039010 | AGREEMENT DATED NOV 10, 2020 | Ishii /Hiroshi | 12/01/20 | 11/30/22 | 163,728 | 244,000 | 73,410 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946994 | C | P039010 | AGREEMENT DATED JAN 7, 2022 | Ishii /Hiroshi | 01/01/22 | 12/31/22 | 30,612 | 274,000 | 243,388 |
| | **Total by Primary Sponsor** | | | | | | | | **194,340** | **518,000** | **316,798** |
| 102127 Advanced Functional Fabrics of America (AFFOA) | 102127 Advanced Functional Fabrics of America (AFFOA) | 6945492 | C | P417500 | EXHIBIT 1-A | Boriskina /Svetlana V | 03/01/21 | 02/28/22 | 343,745 | 343,345 | (400) |
| | 102152 Technology Holding, LLC | 6944474 | C | P417500 | AGREEMENT DTD 8/1/2020 | Boriskina /Svetlana V | 08/01/20 | 10/31/22 | 44,850 | 175,000 | 73,454 |
| | **Total by Primary Sponsor** | | | | | | | | **388,595** | **518,345** | **73,054** |
| 102130 Toyota Research Institute | 102130 Toyota Researc Institute | 6932600 | C | P067950 | LP-C000765-SR- PO-000286 | Rus /Daniela L | 09/01/15 | 03/31/21 | 78,802 | 34,841 | (46,030) |
| | | 6932601 | C | P067950 | LP-C000765-SR | Rus /Daniela L | 09/01/15 | 03/31/21 | 167,760 | 1,522,297 | 8,848 |
| | | 6932602 | C | P067952 | LP-C000765-SR | Glass /James R | 12/01/15 | 03/31/21 | (144) | 1,373,388 | (0) |
| | | 6932603 | C | P067952 | LP-C000765-SR | Rosenholtz /Ruth Ellen | 12/01/15 | 12/31/20 | (6) | 0 | 0 |
| | | 6932604 | C | P067952 | LP-C000765-SR | Amarasinghe /Saman P | 12/01/15 | 12/31/20 | 39,333 | 739,775 | 30 |
| | | 6933627 | C | P067952 | LP-C000765-SR | Matusik /Wojciech | 12/01/15 | 12/31/20 | (2,770) | 1,486,000 | (57,068) |
| | | 6933738 | C | P067952 | LP-C000765-SR | Solar Lezama /Armando | 12/01/15 | 12/31/20 | (36,962) | 1,213,372 | 2,133 |
| | | 6933739 | C | P067952 | LP-C000765-SR | Sussman /Gerald J | 12/01/15 | 12/31/20 | 0 | 953,000 | (0) |
| | | 6933848 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 12/01/15 | 02/28/19 | 33 | 2,721,866 | (0) |
| | | 6933849 | C | P067952 | LP-C000765-SR | Katabi /Dina | 12/01/15 | 11/30/18 | 0 | 498,926 | 0 |
| | | 6933850 | C | P067952 | LP-C000765-SR | Tenenbaum /Joshua B | 12/01/15 | 03/31/21 | 0 | 1,000,110 | 0 |
| | | 6933851 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 12/01/15 | 03/31/21 | (4,231) | 1,898,055 | 0 |
| | | 6933852 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 12/01/15 | 03/31/21 | (50,247) | 4,340,181 | 8,153 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6933854 | C | P067952 | LP-C000765-SR | Rosenholtz /Ruth Ellen | 12/01/15 | 12/31/20 | 0 | 1,198,642 | (0) |
| | | 6933855 | C | P067952 | LP-C000765-SR | Oliva /Aude | 12/01/15 | 11/30/18 | 0 | 476,465 | (0) |
| | | 6933856 | C | P067952 | LP-C000765-SR | Durand /Frederic | 12/01/15 | 11/30/18 | 0 | 303,650 | (0) |
| | | 6934000 | C | P067952 | LP-C000765-SR | Durand /Frederic | 12/01/15 | 12/31/20 | 0 | 655,363 | (110,901) |
| | | 6934066 | C | P067952 | LP-C000765-SR | Horn /Berthold K P | 12/01/15 | 11/30/18 | 0 | 634,878 | 0 |
| | | 6934080 | C | P067952 | LP-C000765-SR | Roy /Nicholas | 12/01/15 | 03/31/21 | 0 | 1,077,000 | (95,433) |
| | | 6934082 | C | P067952 | LP-C000765-SR | Adelson /Edward H | 12/01/15 | 03/31/21 | (255) | 1,756,989 | (0) |
| | | 6934276 | C | P067952 | LP-C000765-SR | Adelson /Edward H | 06/15/16 | 11/30/17 | 0 | 6,006 | 0 |
| | | 6934476 | C | P067952 | LP-C000765-SR | Katabi /Dina | 12/01/15 | 11/30/18 | 0 | 282,125 | 0 |
| | | 6934536 | C | P067952 | LP-C000765-SR | Williams /Brian C | 12/01/15 | 11/30/18 | 0 | 947,331 | 0 |
| | | 6934537 | C | P067952 | LP-C000765-SR | Williams /Brian C | 12/01/15 | 11/30/18 | (7,165) | 988,000 | 0 |
| | | 6934538 | C | P067952 | LP-C000765-SR | Durand /Frederic | 12/01/15 | 03/31/21 | 0 | 1,877,731 | (22,616) |
| | | 6934650 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 12/01/15 | 03/31/21 | 0 | 1,061,101 | (0) |
| | | 6934740 | C | P067952 | LP-C000765-SR | Katz /Boris | 12/01/15 | 03/31/21 | 0 | 1,168,000 | 0 |
| | | 6935250 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 01/01/16 | 03/31/21 | 0 | 228,189 | 0 |
| | | 6935276 | C | P067952 | LP-C000765-SR | Adelson /Edward H | 09/01/16 | 11/30/18 | 0 | 202,114 | (0) |
| | | 6935484 | C | P067952 | LP-C000765-SR | Adelson /Edward H | 12/01/16 | 06/30/17 | 0 | 10,842 | 0 |
| | | 6935596 | C | P067952 | LP-C000765-SR | Durand /Frederic | 12/01/15 | 06/15/17 | 0 | 36,602 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6935743 | C | P067952 | LP-C000765-SR | Durand /Frederic | 03/31/16 | 02/28/17 | 0 | 5,313 | 0 |
| | | 6935752 | C | P267200 | PO TRI0001057 | Shao-Horn /Yang | 03/01/17 | 12/31/21 | 66,462 | 1,199,833 | 0 |
| | | 6935753 | C | P267111 | GROSSMAN/SHAO-HORN AGMT 3/1/17 | Grossman /Jeffrey C. | 03/01/17 | 12/31/22 | 0 | 0 | 0 |
| | | 6935960 | C | P267200 | EFFECTIVE DATE TBD | Roman /Yuriy | 03/01/17 | 12/31/21 | 52,360 | 1,200,167 | (0) |
| | | 6935999 | C | P267111 | AGMT EFF DATE 3/1/17 | Grossman /Jeffrey C. | 03/01/17 | 12/31/22 | 308,118 | 2,621,697 | 98,092 |
| | | 6936000 | C | P267200 | AGMT EFF DATE 3/1/17 | Shao-Horn /Yang | 03/01/17 | 12/31/22 | 424,453 | 1,975,000 | 287,739 |
| | | 6936016 | C | P067952 | LP-C000765-SR | Durand /Frederic | 12/01/15 | 03/31/17 | 0 | 5,354 | 0 |
| | | 6936019 | C | P267200 | AGMT EFF DATE 3/1/17 | Johnson /Jeremiah A. | 03/01/17 | 12/31/22 | 512,576 | 1,550,000 | 40,893 |
| | | 6936062 | C | P062000 | PO TRI0001063 | Bazant /Martin Z | 03/01/17 | 06/30/24 | 347,947 | 3,871,000 | 884,487 |
| | | 6936199 | C | P267111 | AGMT EFF DATE 3/1/17 | Willard /Adam P. | 03/01/17 | 12/31/22 | 44,988 | 469,948 | (0) |
| | | 6936228 | C | P062000 | PO# TRI0001063 | Braatz /Richard D | 03/01/17 | 06/30/24 | 309,709 | 1,630,000 | 267,114 |
| | | 6936621 | C | P267111 | AGMT EFF DATE 3/1/17 | Sra /Suvrit | 03/01/17 | 02/28/19 | 0 | 68,443 | 0 |
| | | 6938539 | C | P067952 | LP-C000765-SR | Rodriguez Garcia /Alberto | 01/01/18 | 12/31/20 | 0 | 549,999 | (0) |
| | | 6938761 | C | P067952 | LP-C000765-SR | Solomon /Justin | 06/01/18 | 03/31/21 | 34,426 | 566,667 | 1,112 |
| | | 6939150 | C | P067952 | LP-C000765-SR | Adelson /Edward H | 06/01/18 | 12/31/20 | (166) | 601,911 | 0 |
| | | 6939151 | C | P067952 | LP-C000765-SR | Kim /Sangbae | 06/01/18 | 12/31/20 | 0 | 300,000 | (0) |
| | | 6939152 | C | P067952 | LP-C000765-SR | Matusik /Wojciech | 01/01/18 | 12/31/20 | 0 | 799,181 | (49,416) |
| | | 6939253 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 06/01/18 | 12/31/20 | 0 | 197,705 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939509 | C | P067952 | LP-C000765-SR | Jackson /Daniel | 06/01/18 | 03/31/21 | 16,175 | 535,531 | 19,543 |
| | | 6939703 | C | P067952 | LP-C000765-SR | Matusik /Wojciech | 10/01/18 | 01/15/19 | 0 | 8,684 | 0 |
| | | 6939907 | C | P067952 | LP-C000765-SR | Williams /Brian C | 12/01/18 | 12/31/20 | 0 | 539,061 | (0) |
| | | 6940051 | C | P267200 | PO-000477 | Shao-Horn /Yang | 12/14/18 | 12/31/22 | 12,190 | 1,000,000 | 89,425 |
| | | 6943324 | C | P122030 | LP-C000765-SR | Malone /Thomas W | 01/01/20 | 03/31/21 | (4) | 165,000 | (0) |
| | | 6944590 | C | P067952 | LP-C000765-SR | Rus /Daniela L | 11/15/20 | 03/31/21 | 0 | 68,984 | 0 |
| | | 6944668 | C | P067952 | PO-001455 | Williams /Brian C | 12/01/20 | 11/30/22 | 158,430 | 208,007 | (19,211) |
| | | 6945184 | C | P067952 | PO-000889 | Rus /Daniela L | 04/01/21 | 03/31/26 | 32,691 | 100,000 | 67,309 |
| | | 6945229 | C | P122030 | PO-000889 | Malone /Thomas W | 04/01/21 | 03/31/23 | 136,678 | 350,000 | 191,225 |
| | | 6945231 | C | P067952 | PO-000889 | Rus /Daniela L | 04/01/21 | 03/31/23 | 715,582 | 843,750 | 126,771 |
| | | 6945234 | C | P067952 | PO-000889 | Tenenbaum /Joshua B | 04/01/21 | 03/31/23 | 92,067 | 308,477 | 216,410 |
| | | 6945236 | C | P067952 | PO-000889 | Rus /Daniela L | 04/01/21 | 03/31/23 | 390,547 | 525,000 | 131,818 |
| | | 6945237 | C | P067952 | PO-000889 | Solomon /Justin | 04/01/21 | 03/31/23 | 43,744 | 286,550 | 236,594 |
| | | 6945238 | C | P067952 | PO-000889 | Adelson /Edward H | 04/01/21 | 03/31/23 | 390,395 | 611,754 | 165,285 |
| | | 6945293 | C | P067952 | PO-000889 | Agrawal /Pulkit | 04/01/21 | 03/31/23 | 229,627 | 231,000 | 1,324 |
| | | 6945294 | C | P067952 | PO-000889 | Matusik /Wojciech | 04/01/21 | 03/31/23 | 354,675 | 231,000 | (147,372) |
| | | 6945295 | C | P065005 | PO-000889 | Rodriguez Garcia /Alberto | 04/01/21 | 03/31/23 | 201,376 | 226,566 | 1,402 |
| | | 6945296 | C | P065004 | PO-000889 | Kim /Sangbae | 04/01/21 | 03/31/23 | 67,089 | 231,000 | 157,810 |
| | | 6945314 | C | P267111 | AGMT EFF DATE 3/1/17 | Gomez-Bombarelli /Rafael | 01/01/21 | 12/31/22 | 307,599 | 588,086 | 280,487 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945453 | C | P067952 | PO-000889 | Rus /Daniela L | 04/01/21 | 03/31/23 | 0 | 175,000 | 175,000 |
| | | 6946161 | C | P067952 | PO-001315 | Rosenholtz /Ruth Ellen | 10/01/21 | 03/31/22 | 43,471 | 75,000 | 31,529 |
| | **Total by Primary Sponsor** | | | | | | | | **5,477,352** | **55,613,507** | **2,942,486** |
| 102143 Independence Blu Cross | 102143 Independence Blue Cross | 6939335 | C | P061901 | SOW #1 | Sontag /David Alexander | 07/16/18 | 08/31/22 | 415,503 | 897,789 | 122,844 |
| | **Total by Primary Sponsor** | | | | | | | | **415,503** | **897,789** | **122,844** |
| 102146 Tiny Blue Dot Foundation | 006570 Massachusetts General Hospital | 6945112 | C | P159300 | 234387 | Brown /Emery Neal | 01/01/21 | 05/31/21 | (429) | 10,609 | 0 |
| | | 6945891 | C | P159300 | 234387 | Brown /Emery Neal | 06/01/21 | 12/31/21 | 12,843 | 12,843 | 0 |
| | | 6945945 | C | P159300 | 234386 | Brown /Emery Neal | 06/01/21 | 12/31/21 | 11,583 | 11,583 | 0 |
| | | 6947008 | C | P159300 | 234386 (B.EDOW) | Brown /Emery Neal | 01/01/22 | 05/31/22 | 10,745 | 11,503 | 758 |
| | | 6947137 | C | P159300 | | Brown /Emery Neal | 01/01/22 | 08/31/22 | 11,082 | 15,373 | 4,291 |
| | **Total by Primary Sponsor** | | | | | | | | **45,825** | **61,911** | **5,048** |
| 102148 Boston Globe | 102148 Boston Globe | 6935729 | C | P121175 | | Aral /Sinan Kayhan | 01/01/17 | 12/31/22 | 95,091 | 599,970 | 118,146 |
| | **Total by Primary Sponsor** | | | | | | | | **95,091** | **599,970** | **118,146** |
| 102149 Eureka Forbes | 102149 Eureka Forbes | 6940648 | C | P065005 | | Winter /Amos G | 01/01/19 | 12/31/22 | 928 | 189,980 | 8,649 |
| | | 6947161 | C | P065005 | | Winter /Amos G | 12/01/21 | 11/30/22 | 0 | 50,000 | 50,000 |
| | **Total by Primary Sponsor** | | | | | | | | **928** | **239,980** | **58,649** |
| 102164 Washington Center for Equitable Growth | 102164 Washington Center for Equitable Growth | 6941792 | C | P121400 | AGMT. DTD. 10/4/19 | Wilmers /Nathan Eric | 09/01/19 | 09/01/21 | 407 | 30,510 | 0 |
| | | 6943687 | C | P091000 | AGMT. DTD. 07/09/2020 | Autor /David H | 08/01/20 | 09/01/22 | 27,336 | 76,000 | 41,827 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **27,743** | **106,510** | **41,827** |
| 102232 United States-Israel Binational Science Foundation | 102232 United States-Israel Binational Science Foundation | 6937642 | C | P069850 | 2016389 | Checkelsky /Joseph | 10/01/17 | 09/30/22 | 0 | 60,000 | (0) |
| | | 6939946 | C | P267600 | GRANT NO. 2017189 | Lu /Timothy K | 10/01/18 | 09/30/20 | 0 | 64,702 | 0 |
| | | 6946398 | C | P417500 | 2020270 | Jaramillo /Rafael | 10/01/21 | 09/30/22 | 11,949 | 39,600 | 27,651 |
| | | 6946440 | C | P066000 | 2020096 | Ross /Frances Mary | 10/01/21 | 09/30/22 | 0 | 36,800 | 36,800 |
| | | 6946683 | C | P067952 | 2020356 | Williams /Virginia | 10/01/21 | 09/30/22 | 5,000 | 15,734 | 10,734 |
| | **Total by Primary Sponsor** | | | | | | | | **16,948** | **216,836** | **75,186** |
| 102233 Lockheed Martin Corporation | 102233 Lockheed Martin Corporation | 6934071 | C | P061093 | MASTER AGREEMENT LOCKHEED MARTIN EFF. 5/13/16 | Hastings /Daniel E | 05/13/16 | 10/31/24 | 0 | 1,135,015 | 1,135,015 |
| | | 6934996 | C | P067952 | MASTER AGREEMENT LOCKHEED MARTIN EFF. 5/13/16 / PO 410265055 | Katabi /Dina | 08/01/16 | 07/31/17 | 0 | 80,000 | 0 |
| | | 6935149 | C | P061090 | RPP2016-002 | How /Jonathan P | 09/01/16 | 08/31/20 | 0 | 385,140 | (0) |
| | | 6935150 | C | P061093 | MASTER AGREEMENT LOCKHEED MARTIN EFF. 5/13/16 | Hastings /Daniel E | 05/13/16 | 10/31/24 | 43,084 | 481,500 | 228,736 |
| | | 6935225 | C | P065005 | RPP 2016-006 | Schmidt /Henrik | 11/01/16 | 10/31/19 | 0 | 365,919 | 0 |
| | | 6935226 | C | P065004 | RPP 2016-008 | Hart /Anastasios John | 11/01/16 | 08/31/21 | 8,285 | 213,789 | 0 |
| | | 6935227 | C | P063007 | RPP 2016-007 | Williams /John R | 09/01/16 | 08/31/22 | 71,767 | 150,000 | 20,839 |
| | | 6935236 | C | P061096 | RPP2016-001 | Roy /Nicholas | 09/01/16 | 04/30/21 | (4,665) | 412,495 | 0 |
| | | 6935237 | C | P267200 | RPP2016-005 | Soljacic /Marin | 10/01/16 | 03/15/18 | 0 | 75,000 | (0) |
| | | 6935243 | C | P067952 | RPP2016-002 | Tedrake /Russell L | 09/01/16 | 10/31/19 | 0 | 412,596 | 0 |
| | | 6935244 | C | P061097 | RPP2016-002 | Karaman /Sertac | 09/01/16 | 08/31/20 | 0 | 412,480 | 0 |
| | | 6935251 | C | P061096 | RPP2016-001 | Shah /Julie A | 09/01/16 | 04/30/21 | 5 | 412,505 | 0 |
| | | 6936194 | C | P267200 | RPP2016-005 | Johnson /Steven G | 10/01/16 | 03/15/18 | 0 | 75,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939791 | C | P065004 | RPP 2016-009 | Schmidt /Henrik | 10/15/18 | 10/14/19 | 0 | 125,000 | 0 |
| | | 6939877 | C | P065004 | RPP 2016-008 | Hart /Anastasios John | 10/01/18 | 08/31/21 | 0 | 8,405 | 0 |
| | | 6941565 | C | P065004 | RPP 2016-008 | Hart /Anastasios John | 11/01/16 | 08/31/21 | 0 | 27,805 | 0 |
| | | 6942005 | C | P061094 | U16-001-RPP010 | Guerra Garcia /Carmen | 10/22/19 | 10/21/21 | 13,983 | 250,655 | 0 |
| | | 6942006 | C | P266301 | U16-001-RPP013 | Triantafyllou /Michael S | 10/21/19 | 09/07/22 | 128,378 | 287,500 | 14,939 |
| | | 6942007 | C | P068700 | U16-001-RPP012 | Karaman /Sertac | 10/21/19 | 09/07/22 | 203,185 | 375,000 | 278 |
| | | 6942008 | C | P400600 | U16-001-RPP014 | Poggio /Tomaso A | 10/29/19 | 09/07/22 | 195,013 | 750,000 | 209,004 |
| | | 6942066 | C | P061096 | RPP 2019-015 | Shah /Julie A | 11/04/19 | 09/07/22 | 112,247 | 294,285 | 111,860 |
| | | 6942335 | C | P266301 | U16-001-RPP013 | Benjamin /Michael R | 10/21/19 | 09/07/22 | 123,482 | 300,000 | 665 |
| | | 6943117 | C | P065004 | RPP #2020-016/U16-001-016 | Benjamin /Michael R | 03/01/20 | 02/28/22 | 69,409 | 153,406 | (0) |
| | | 6943163 | C | P266301 | U16-001-RPP013 | Triantafyllou /Michael S | 03/01/20 | 09/07/22 | 2,634 | 12,500 | 2,751 |
| | | 6943489 | C | P065004 | U16-001-RPP017 | Benjamin /Michael R | 04/25/20 | 03/31/21 | (380) | 100,000 | 0 |
| | | 6943565 | C | P061094 | U16-001-RPP010 | Guerra Garcia /Carmen | 01/01/20 | 10/21/21 | 8,548 | 9,331 | 0 |
| | | 6943595 | C | P065004 | RPP #2020-016/U16-001-016 | Benjamin /Michael R | 03/01/20 | 02/28/22 | 65 | 6,594 | 0 |
| | | 6944137 | C | P061090 | U16-001-RPP018 | How /Jonathan P | 09/01/20 | 08/30/22 | 142,886 | 260,000 | 115,127 |
| | | 6946337 | C | P061097 | U16-001-RPP019 | Carlone /Luca | 10/01/21 | 07/31/23 | 49,174 | 350,000 | 300,826 |
| | | 6946536 | C | P154500 | U16-001-RPP020 | Tenenbaum /Joshua B | 10/01/21 | 09/30/22 | 111,098 | 248,000 | 136,902 |
| | | 6946622 | C | P268001 | PURCHASE ORDER 4105221326 | Palacios /Tomas | 11/20/21 | 08/20/22 | 19,697 | 90,000 | 70,303 |
| | **Total by Primary Sponsor** | | | | | | | | **1,297,894** | **8,259,919** | **2,347,245** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 102237 Wyss Institute | 102237 Wyss Institute | 6946265 | C | P061901 | PO#80000146564 | Collins /James J. | 07/01/21 | 10/31/21 | 38,505 | 38,505 | 0 |
| | | 6946990 | C | P061901 | 80000196546 | Collins /James J. | 11/01/21 | 06/30/22 | 81,770 | 81,770 | 0 |
| | | 6947219 | C | P061902 | PO#80000220515 | Greenberg /Julie E | 06/01/21 | 05/31/22 | 71,361 | 71,362 | 1 |
| | | 6947264 | C | P061902 | PO#80000217228 | Greenberg /Julie E | 01/01/21 | 05/31/21 | 32,561 | 32,562 | 1 |
| | | 6947486 | C | P061902 | CHEN HOPE 229975 | Greenberg /Julie E | 04/01/22 | 05/31/22 | 8,947 | 8,947 | 0 |
| | | 6947795 | C | P061902 | 289561.435866.0001 | Greenberg /Julie E | 10/21/21 | 05/31/22 | 21,545 | 28,034 | 6,489 |
| | | 6947796 | C | P061902 | 149880.381305.0309 | Greenberg /Julie E | 09/01/21 | 03/31/22 | 3,422 | 17,207 | 13,786 |
| | | 6947797 | C | P061902 | PO#80000250353 | Greenberg /Julie E | 09/01/21 | 05/31/22 | 8,402 | 15,135 | 6,733 |
| | **Total by Primary Sponsor** | | | | | | | | **266,511** | **293,522** | **27,010** |
| 102240 Tongji University | 102240 Tongji Universit | 6944623 | C | P039000 | AMENDMENT NO 1 TO CONTRACT DATED 2/10/2017 | Larson /Kent | 09/01/20 | 08/31/23 | 169,133 | 225,000 | 50,211 |
| | **Total by Primary Sponsor** | | | | | | | | **169,133** | **225,000** | **50,211** |
| 102304 eLichens | 102304 eLichens | 6939251 | C | P065004 | AGMT DTD 08/24/2018 | Karnik /Rohit | 06/01/18 | 01/15/22 | 53,435 | 354,308 | 12,185 |
| | **Total by Primary Sponsor** | | | | | | | | **53,435** | **354,308** | **12,185** |
| 102383 Master Dynamic Limited | 102383 Master Dynamic Limited | 6936718 | C | P267111 | AGREEMENT EFFECTIVE AUGUST 1, 2017 | Englund /Dirk R. | 08/01/17 | 01/21/19 | 0 | 106,110 | (0) |
| | | 6936719 | C | P267111 | AGREEMENT EFFECTIVE AUGUST 1, 2017 | Englund /Dirk R. | 08/01/17 | 07/31/19 | 0 | 126,927 | 0 |
| | | 6936720 | C | P267111 | AGREEMENT EFFECTIVE AUGUST 1, 2017 | Englund /Dirk R. | 08/01/17 | 01/21/19 | 0 | 116,152 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **349,189** | **0** |
| 102405 Xylem Inc. | 102405 Xylem Inc. | 6935851 | C | P402410 | AGMT DTD 3/1/17 | Hunter /Ian | 03/01/17 | 08/31/19 | 0 | 436,265 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6936895 | C | P402410 | AGMT DTD 1/2/2017 | Veeramachaneni /Kalyan | 08/15/17 | 08/14/19 | 0 | 449,069 | 0 |
| | | 6938132 | C | P402410 | AGMT DTD 1/2/2017 | Slocum /Alexander H | 01/01/18 | 06/30/22 | 27,688 | 457,071 | (2,760) |
| | | 6941575 | C | P402410 | AGMT DTD 1/2/2017 | Winter /Amos G | 01/01/18 | 08/31/22 | 74,566 | 449,969 | 106 |
| | | 6942442 | C | P402410 | AGMT DTD 01/06/2020 | Hunter /Ian | 11/04/19 | 08/31/20 | 0 | 89,414 | 0 |
| | | 6943667 | C | P402410 | AGMT DTD 1/2/2017 | Slocum /Alexander H | 01/01/18 | 06/30/22 | 13,923 | 34,330 | 0 |
| | | 6946306 | C | P402410 | AGMT DTD 1/2/2017 | Karnik /Rohit | 09/01/21 | 08/31/23 | 92,070 | 127,112 | 35,042 |
| | | 6946416 | C | P402410 | AGMT DTD 1/2/2017 | Swager /Timothy M | 09/01/21 | 08/31/23 | 68,239 | 181,315 | 113,076 |
| | **Total by Primary Sponsor** | | | | | | | | **276,486** | **2,224,544** | **145,465** |
| 102442 Synlogic | 102442 Synlogic | 6939908 | C | P069201 | AGMT DATED 6/1/19 | Voigt /Christopher A. | 06/01/19 | 06/30/21 | (32,916) | 450,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(32,916)** | **450,000** | **0** |
| 102462 ENN Science and Technology Development Co., Ltd. | 102462 ENN Science and Technology Development Co., Ltd. | 6936772 | C | P320000 | AGRMNT EFFECTIVE 11/1/16 | Sadoway /Donald Robert | 06/16/17 | 08/31/20 | 0 | 763,612 | (0) |
| | | 6940611 | C | P320000 | AGRMNT EFFECTIVE 11/1/16 | Ilic /Marija | 03/15/19 | 08/31/22 | 413,073 | 900,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **413,073** | **1,663,612** | **(0)** |
| 102603 Cenovus Energy, Inc. | 102603 Cenovus Energy Inc. | 6935656 | C | P320000 | AGMT DTD 2/1/2017 | Armstrong /Robert C | 02/01/17 | 01/31/23 | 0 | 424 | 424 |
| | | 6936773 | C | P320103 | AGMT DTD 2/1/2017 | Manthiram /Karthish | 08/01/17 | 07/31/20 | 0 | 641,403 | (0) |
| | | 6937826 | C | P320103 | AGMT DTD 2/1/2017 | Manthiram /Karthish | 09/17/17 | 01/31/18 | 0 | 13,325 | 0 |
| | | 6938372 | C | P320103 | AGMT DTD 2/1/2017 | Manthiram /Karthish | 12/15/17 | 04/30/18 | 0 | 5,272 | 0 |
| | | 6939700 | C | P320103 | AGMT DTD 2/1/2017 | Manthiram /Karthish | 09/01/18 | 08/31/20 | 0 | 89,576 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944231 | C | P320103 | AGMT DTD 2/1/2017 | Manthiram /Karthish | 09/01/20 | 08/31/21 | 43,500 | 217,983 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **43,500** | **967,983** | **424** |
| 102645 The Miami Foundation | 102645 The Miami Foundation | 6937603 | C | P093800 | JOURNALISM 360 FUND - MIT | Adams /Allan Wilfred | 07/15/17 | 07/01/21 | (10,937) | 15,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(10,937)** | **15,000** | **0** |
| 102789 JH Engineering Co. Ltd. | 102789 JH Engineering Co. Ltd. | 6940316 | C | P243021 | AGMT. DTD. 02/01/2019 | Park /Dongkeun | 02/01/19 | 12/31/21 | 1,844 | 110,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,844** | **110,000** | **0** |
| 102824 Imam Abdulrahman Bin Faisal University | 102824 Imam Abdulrahman Bin Faisal University | 6939280 | C | P065004 | IAU-MIT IRMC | Karnik /Rohit | 01/01/18 | 02/28/21 | (1,826) | 90,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(1,826)** | **90,000** | **(0)** |
| 102827 Amore Pacific | 102827 Amore Pacific | 6936050 | C | P267500 | AGREEMENT DATED 06/13/207 | Kim /Jeehwan | 06/01/17 | 09/30/23 | 19,819 | 1,114,000 | 490,433 |
| | **Total by Primary Sponsor** | | | | | | | | **19,819** | **1,114,000** | **490,433** |
| 102829 Topcon Corporation | 102829 Topcon Corporation | 6935995 | C | P267600 | AGMT EFF DATE 4/1/17 | Fujimoto /James G | 04/01/17 | 03/31/23 | 4,926 | 347,000 | 157,761 |
| | **Total by Primary Sponsor** | | | | | | | | **4,926** | **347,000** | **157,761** |
| 102862 The Chan Zuckerberg Initiative | 007611 University of Connecticut | 6947043 | C | P400600 | 436635 | Gabrieli /John D. E. | 08/01/20 | 02/28/22 | 63,629 | 59,854 | (3,775) |
| | **Total by Primary Sponsor** | | | | | | | | **63,629** | **59,854** | **(3,775)** |
| 102931 National Pharmaceutical Council | 102931 National Pharmaceutical Council | 6942862 | C | P069400 | | Hirsch /Paula | 03/01/20 | 06/30/21 | 72,937 | 324,279 | 0 |
| | | 6944803 | C | P069400 | AGMT DATED 1/1/21 | Hirsch /Paula | 01/01/21 | 12/31/21 | 225,991 | 250,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **298,928** | **574,279** | **0** |
| 102935 Automobili Lamborghini S.p.A | 102935 Automobili Lamborghini S.p.A. | 6937471 | C | P152000 | 1346232 | Dinca /Mircea | 12/01/17 | 11/30/21 | 114,008 | 1,592,556 | 148 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937500 | C | P065004 | AGREEMENT DATED 12/1/17 | Hart /Anastasios John | 11/01/17 | 08/31/22 | 151,398 | 600,000 | 47,911 |
| | | 6946751 | C | P152000 | PO 5000102460 | Dinca /Mircea | 09/01/21 | 11/30/22 | 202,002 | 936,265 | 734,262 |
| | | 6947630 | C | P152000 | PO 5000102460 | Dinca /Mircea | 09/01/21 | 01/15/23 | 2,760 | 50,000 | 47,240 |
| | **Total by Primary Sponsor** | | | | | | | | **470,168** | **3,178,821** | **829,561** |
| 102968 Coppel | 102968 Coppel | 6937953 | C | P069400 | 102012011039 CL | Williams /John R | 02/01/18 | 01/31/23 | 80,858 | 340,000 | 39,612 |
| | | 6938681 | C | P063007 | SRA DTD. 06/19/2018 | Simchi-Levi /David | 06/01/18 | 08/31/22 | 75,376 | 511,245 | 5,854 |
| | **Total by Primary Sponsor** | | | | | | | | **156,234** | **851,245** | **45,466** |
| 103048 Sanofi Genzyme | 103048 Sanofi Genzym | 6939562 | C | P066000 | PO# E001485971 | Van Vliet /Krystyn J | 10/15/18 | 10/14/21 | 13,376 | 81,816 | (2,787) |
| | **Total by Primary Sponsor** | | | | | | | | **13,376** | **81,816** | **(2,787)** |
| 103049 Tibet Cheezheng Tibetan Medicine Co. Ltd | 103049 Tibet Cheezheng Tibetan Medicine Co. Ltd | 6944431 | C | P065005 | 103049 | Zhao /Xuanhe | 08/01/20 | 07/31/24 | 418,933 | 1,112,294 | 584,987 |
| | **Total by Primary Sponsor** | | | | | | | | **418,933** | **1,112,294** | **584,987** |
| 103123 Naver Lab | 103123 Naver Labs | 6943388 | C | P065004 | AGREEMENT DTD. | Kim /Sangbae | 06/01/20 | 05/31/22 | 219,113 | 600,000 | 293,630 |
| | **Total by Primary Sponsor** | | | | | | | | **219,113** | **600,000** | **293,630** |
| 103146 JD.Com American Technologies Corporation | 103146 JD.Com American Technologies Corporation | 6938913 | C | P063007 | MASTER RESEARCH AGMT DTD. 07/01/2018 | Simchi-Levi /David | 07/01/18 | 06/30/21 | 0 | 200,000 | 200,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **200,000** | **200,000** |
| 103148 Samsung Advanced Institute of Technology | 103148 Samsung Advanced Institute of Technology | 6941881 | C | P417500 | AGMT DTD 10/1/19 | Checkelsky /Joseph | 10/01/19 | 03/31/21 | 0 | 150,000 | (3,130) |
| | | 6946785 | C | P068000 | AGRMT DATED 12/21/21 | Li /Ju | 12/15/21 | 12/14/22 | 135,430 | 200,000 | 64,570 |
| | **Total by Primary Sponsor** | | | | | | | | **135,430** | **350,000** | **61,439** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 103162 Japan Steel Works, LTD | 103162 Japan Steel Works, LTD | 6937065 | C | P065005 | AGMT DTD 09/01/2017 | Youcef-Toumi /Kamal | 09/01/17 | 08/31/22 | 202,077 | 720,831 | 127,870 |
| | **Total by Primary Sponsor** | | | | | | | | **202,077** | **720,831** | **127,870** |
| 103164 NTT Data Corporation | 103164 NTT Data Corporation | 6938431 | C | P039010 | AGREEMENT DATED 1/1/18 | Picard /Rosalind W. | 01/01/18 | 09/30/19 | 0 | 80,000 | (0) |
| | | 6939977 | C | P039010 | AGREEMENT DATED OCT 18, 2018 | Breazeal /Cynthia Lynn | 10/01/18 | 09/12/19 | 0 | 64,860 | 0 |
| | | 6940675 | C | P039010 | AGREEMENT DATED OCT 18, 2018 | Breazeal /Cynthia Lynn | 10/01/18 | 09/12/19 | 0 | 35,140 | 0 |
| | | 6946727 | C | P039010 | AGREEMENT DATED 10/18/21 | Larson /Kent | 09/01/21 | 08/31/22 | 74,866 | 151,457 | 76,591 |
| | | 6946728 | C | P039010 | AGREEMENT DATED 12/8/21 | Maes /Patricia | 11/01/21 | 03/31/23 | 33,128 | 0 | (33,128) |
| | **Total by Primary Sponsor** | | | | | | | | **107,993** | **331,457** | **43,464** |
| 103186 Change Happens Foundation | 103186 Change Happens Foundation | 6947045 | C | P153000 | TBD | Seager /Sara | 02/01/22 | 01/31/23 | 0 | 60,000 | 60,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **60,000** | **60,000** |
| 103267 Wuxi Friedrich Measurement & Control Instruments Co., LTD | 103267 Wuxi Friedrich Measurement & Control Instruments Co., LTD | 6937064 | C | P065005 | AGMT DTD 09/01/2017 | Youcef-Toumi /Kamal | 09/01/17 | 01/15/22 | 98,330 | 731,445 | 0 |
| | | 6938144 | C | P065005 | AGMT DTD 09/01/2017 | Youcef-Toumi /Kamal | 02/21/18 | 01/15/22 | 11,702 | 73,387 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **110,032** | **804,832** | **0** |
| 103323 Ono Pharma Foundatio | 103323 Ono Pharma Foundation | 6937082 | C | P402000 | AGREEMENT DATED 8/21/2017 | Koehler /Angela Nicole | 10/01/17 | 06/30/21 | 4,107 | 1,035,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **4,107** | **1,035,000** | **0** |
| 103325 Magna Services of America Inc. | 103325 Magna Services of America Inc. | 6944262 | C | P065005 | PO PO0000000974 | Rodriguez Garcia /Alberto | 09/30/20 | 09/29/21 | 44,203 | 163,076 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **44,203** | **163,076** | **(0)** |
| 103447 Toyota Central R&D Laboratories, Inc. | 103447 Toyota Central R&D Laboratories, Inc. | 6946905 | C | P065005 | AGMT EFF 1/12/22 | Wang /Evelyn | 12/01/21 | 03/31/22 | 32,546 | 33,976 | 1,430 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **32,546** | **33,976** | **1,430** |
| 103484 NSK | 103484 NSK | 6937636 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 12/01/17 | 04/30/22 | 159,546 | 766,089 | (1) |
| | | 6937939 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 12/01/17 | 03/30/20 | 0 | 19,946 | 0 |
| | | 6938708 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 12/01/17 | 03/30/20 | 0 | 45,024 | 0 |
| | | 6941481 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 12/01/17 | 12/31/21 | 928 | 35,506 | 0 |
| | | 6942921 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 03/20/20 | 03/20/21 | 0 | 0 | 0 |
| | | 6946301 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 10/01/21 | 03/31/22 | 13,087 | 13,087 | 0 |
| | | 6946341 | C | P065004 | AGREEMENT DATED 1/1/18 | Asada /Haruhiko | 12/01/17 | 04/30/22 | 0 | 0 | 0 |
| | | 6947302 | C | P065004 | AGT DTD 4/12/22 | Asada /Haruhiko | 04/01/22 | 03/31/24 | 19,530 | 119,900 | 100,370 |
| | | 6947668 | C | P065004 | AGT DTD 4/12/22 | Asada /Haruhiko | 04/01/22 | 05/31/23 | 3,527 | 5,100 | 1,573 |
| | **Total by Primary Sponsor** | | | | | | | | **196,619** | **1,004,653** | **101,942** |
| 103486 Hartford Hospital | 103486 Hartford Hospita | 6946244 | C | P121012 | AGMT EFF 10/5/2021 | Bertsimas /Dimitris J | 09/01/21 | 08/31/25 | 135,236 | 250,000 | 114,764 |
| | **Total by Primary Sponsor** | | | | | | | | **135,236** | **250,000** | **114,764** |
| 103510 Dar Group | 103510 Dar Group | 6938469 | C | P030001 | AGREEMENT DATED 5/1/2018 | Sarkis /Antoine Hashim | 05/01/18 | 04/30/23 | 12,097 | 753,990 | 698,409 |
| | | 6942380 | C | P030001 | AGREEMENT DATED 5/1/2018 | Williams /Sarah E | 01/01/20 | 02/28/22 | 93,150 | 198,923 | 5,463 |
| | | 6942381 | C | P030001 | AGREEMENT DATED 5/1/2018 | Norford /Leslie Keith | 01/01/20 | 12/31/22 | 87,222 | 198,765 | 15,188 |
| | | 6942382 | C | P030001 | AGREEMENT DATED 5/1/2018 | Segal /Rafael | 01/01/20 | 12/31/22 | 16,757 | 198,347 | 67,344 |
| | | 6942603 | C | P030001 | AGREEMENT DATED 5/1/2018 | Mueller /Caitlin Tobin | 01/01/20 | 09/30/22 | 60,134 | 200,000 | 3,925 |
| | | 6945239 | C | P030001 | AGREEMENT DATED 5/1/2018 | Sevtsuk /Andres | 04/19/21 | 03/31/23 | 53,084 | 50,000 | (3,084) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945240 | C | P030001 | AGREEMENT DATED 5/1/2018 | Ratti /Carlo | 04/19/21 | 09/30/22 | 79,423 | 94,175 | 11,374 |
| | | 6945241 | C | P030001 | AGREEMENT DATED 5/1/2018 | Ghosn /Rania | 04/19/21 | 12/31/23 | (15,238) | 50,000 | 50,193 |
| | | 6945242 | C | P030001 | AGREEMENT DATED 5/1/2018 | Santos /Adele Naude | 04/19/21 | 01/31/23 | 105,991 | 150,000 | 36,855 |
| | | 6945243 | C | P030001 | AGREEMENT DATED 5/1/2018 | Williams /Sarah E | 05/01/21 | 12/31/22 | 89,309 | 100,000 | 10,691 |
| | | 6945971 | C | P030001 | AGREEMENT DATED 5/1/2018 | Ratti /Carlo | 08/01/21 | 09/30/22 | 2,868 | 5,800 | 2,932 |
| | **Total by Primary Sponsor** | | | | | | | | **584,797** | **2,000,000** | **899,291** |
| 103528 Exelixis, Inc. | 103528 Exelixis, Inc. | 6938649 | C | P402000 | AGREEMENT EFFECTIVE 5/14/18 | Spranger-Zimmermann /Stefani | 07/01/18 | 05/30/21 | (1,097) | 370,317 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(1,097)** | **370,317** | **(0)** |
| 103546 CooperStandard | 103546 CooperStandarc | 6946048 | C | P062000 | AGRMT EFFECTIVE 09/01/21/PO#: US10429776 | Olsen /Bradley D. | 09/01/21 | 08/31/22 | 75,726 | 165,733 | 90,008 |
| | **Total by Primary Sponsor** | | | | | | | | **75,726** | **165,733** | **90,008** |
| 103583 International Seabed Authority | 103583 International Seabed Authority | 6937831 | C | P069850 | AGREEMENT DTD 10/1/17 | Kirchain /Randolph E | 10/01/17 | 04/30/19 | (27,420) | 217,920 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(27,420)** | **217,920** | **0** |
| 103613 Overdeck Family Foundation | 103613 Overdeck Famil Foundation | 6937828 | C | P091021 | LETTER DATED NOVEMBER 7, 2017 | Finkelstein /Amy | 10/01/17 | 12/31/22 | 12,903 | 151,250 | (509) |
| | | 6937971 | C | P091021 | LETTER DATED NOVEMBER 7, 2017 | Finkelstein /Amy | 10/01/17 | 12/31/22 | 3,313 | 398,750 | 273,920 |
| | | 6942151 | C | P091021 | AGMT DTD. 10/17/19 | Finkelstein /Amy | 10/01/19 | 12/31/22 | 55,829 | 250,000 | 37,586 |
| | **Total by Primary Sponsor** | | | | | | | | **72,045** | **800,000** | **310,997** |
| 103619 Wellspring Philanthropic Func | 103619 Wellspring Philanthropic Fund | 6941122 | C | P095500 | GRANT NO. 13496 | Tsai /Lily L | 05/01/19 | 06/30/22 | 337,471 | 1,012,036 | 89,756 |
| | | 6941259 | C | P091020 | GRANT NO. 13628 | Olken /Benjamin | 05/01/19 | 08/01/24 | 508 | 1 | (3,282) |
| | | 6941872 | C | P091020 | GRANT NO. 13628 | Olken /Benjamin | 05/01/19 | 08/01/24 | 243,560 | 364,466 | 53,025 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941873 | C | P091020 | GRANT NO. 13628 | Olken /Benjamin | 05/01/19 | 08/01/24 | 316,074 | 185,533 | (271,775) |
| | | 6944467 | C | P091020 | 15299 | Schilbach /Frank | 08/01/20 | 12/31/21 | 101,046 | 100,000 | (1,046) |
| | | 6945379 | C | P091020 | 15845 | Olken /Benjamin | 05/01/21 | 04/30/23 | 143,802 | 495,937 | 352,135 |
| | | 6945682 | C | P091020 | 15881 | Atkin /David G | 05/01/21 | 04/30/24 | 56,377 | 240,000 | 183,623 |
| | | 6945821 | C | P091020 | 15881 | Atkin /David G | 05/01/21 | 04/30/24 | 0 | 460,000 | 460,000 |
| | **Total by Primary Sponsor** | | | | | | | | **1,198,838** | **2,857,973** | **862,435** |
| 103623 Pola Chemical Industries, Inc | 103623 Pola Chemical Industries, Inc | 6942210 | C | P039010 | AGREEMENT DATED NOV 14, 2019 | Picard /Rosalind W. | 09/01/19 | 01/31/23 | 121,913 | 440,000 | 169,104 |
| | **Total by Primary Sponsor** | | | | | | | | **121,913** | **440,000** | **169,104** |
| 103644 MIT-IBM Watson AI Lab | 003260 International Business Machine | 6947243 | C | P067952 | AGREEMENT NO. W1771646 | Yan /Mengjia | 01/01/22 | 12/31/22 | 0 | 150,000 | 150,000 |
| | | 6947252 | C | P066000 | AGREEMENT NO. W1771646 | Olivetti /Elsa A | 02/01/22 | 01/31/23 | 3,889 | 210,005 | 206,116 |
| | 103644 MIT-IBM Watson AI Lab | 6940059 | C | P400600 | AGREEMENT NO. W1771646 | DiCarlo /James | 09/01/18 | 08/31/19 | 0 | 150,001 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,889** | **510,006** | **356,116** |
| 103649 Trovagene | 103649 Trovagene | 6938414 | C | P402000 | AGREEMENT DATES APRIL 6, 2018 | Yaffe /Michael B | 04/06/18 | 03/31/22 | 153,862 | 1,025,550 | (105,879) |
| | **Total by Primary Sponsor** | | | | | | | | **153,862** | **1,025,550** | **(105,879)** |
| 103650 Sanofi US | 103650 Sanofi US | 6944629 | C | P060051 | PO E003082144 | Jaakkola /Tommi S | 02/01/21 | 07/31/22 | 70,321 | 200,000 | 129,679 |
| | | 6944632 | C | P060051 | PO E003074977 | Berger Leighton /Bonnie | 02/01/21 | 07/31/22 | 89,590 | 200,000 | 70,540 |
| | **Total by Primary Sponsor** | | | | | | | | **159,911** | **400,000** | **200,219** |
| 103665 Dentsply Sirona | 103665 Dentsply Sirona | 6939221 | C | P065004 | SRA DTD. 05/31/2018 | Hart /Anastasios John | 06/01/18 | 05/31/19 | 0 | 150,000 | 150,000 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,000** | **150,000** |
| 103671 Templeton World Charity Foundation, Inc. | 103671 Templeton Worl Charity Foundation, Inc. | 6939769 | C | P154500 | TWCF0319 | Tenenbaum /Joshua B | 07/25/18 | 07/24/22 | 8,273 | 228,251 | 43,831 |
| | **Total by Primary Sponsor** | | | | | | | | **8,273** | **228,251** | **43,831** |
| 103688 SES | 103688 SES | 6938259 | C | P061093 | SRA DTD. 03/15/2018 | Crawley /Edward F | 03/15/18 | 03/31/23 | 368,261 | 1,508,312 | 419,624 |
| | | 6938398 | C | P061097 | SRA DTD. 03/15/2018 | Cahoy /Kerri | 03/15/18 | 03/31/23 | 14,907 | 337,965 | 183 |
| | | 6938415 | C | P068700 | SRA DTD. 03/15/2018 | Veeramachaneni /Kalyan | 03/15/18 | 03/31/23 | 269,556 | 1,087,437 | 151,612 |
| | **Total by Primary Sponsor** | | | | | | | | **652,724** | **2,933,714** | **571,418** |
| 103709 Welspun India Ltd | 103709 Welspun India L | 6930712 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 08/01/14 | 03/31/19 | 0 | 923,959 | 0 |
| | | 6937981 | C | P039010 | MEDIA LAB CONSORTIA | Harper /Caleb Benjamin | 12/01/17 | 03/31/19 | 0 | 166,027 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **1,089,986** | **0** |
| 103714 Global Sea Mineral Resources NV | 103714 Global Sea Mineral Resources NV | 6946230 | C | P065005 | AGMT EFF 1/1/21 | Peacock /Thomas | 01/01/21 | 07/31/22 | 109,784 | 119,171 | 9,387 |
| | **Total by Primary Sponsor** | | | | | | | | **109,784** | **119,171** | **9,387** |
| 103736 American Tower Corporation | 103736 American Towe Corporation | 6938030 | C | P320000 | AGMT DTD 12/1/17 | Armstrong /Robert C | 12/01/17 | 12/31/22 | 0 | 95,000 | 95,000 |
| | | 6938457 | C | P320000 | AGMT DTD 12/1/17 | Bulovic /Vladimir | 12/01/17 | 04/30/18 | 0 | 83,370 | (0) |
| | | 6939229 | C | P320000 | AGMT DTD 12/1/17 | Bulovic /Vladimir | 06/01/18 | 05/31/22 | 133,768 | 636,630 | (991) |
| | | 6939957 | C | P320000 | AGMT DTD 12/1/17 | Stoner /Robert | 09/01/18 | 12/31/22 | 8,273 | 50,000 | 0 |
| | | 6942469 | C | P320000 | AGMT DTD 12/1/17 | Trancik /Jessika | 01/01/20 | 12/31/20 | 0 | 40,000 | (0) |
| | | 6946792 | C | P320000 | AGREEMENT DTD. 12/10/2021 | Trancik /Jessika | 10/15/21 | 05/31/22 | 39,820 | 40,000 | 180 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **181,862** | **945,000** | **94,188** |
| 103737 Blue Yonder, INC | 103737 Blue Yonder, IN | 6938189 | C | P063007 | PO# 009228 | Simchi-Levi /David | 01/01/18 | 12/31/21 | 252,444 | 1,050,000 | 78 |
| | **Total by Primary Sponsor** | | | | | | | | **252,444** | **1,050,000** | **78** |
| 103742 Tesa Tape | 103742 Tesa Tape | 6939829 | C | P066000 | SRA DTD. TBD | Macfarlane /Robert J | 01/01/19 | 12/31/22 | 157,309 | 409,234 | (27,182) |
| | **Total by Primary Sponsor** | | | | | | | | **157,309** | **409,234** | **(27,182)** |
| 103822 Banxin | 103822 Banxin | 6936028 | C | P065005 | MIT-BANZAN AGREEMENT | Youcef-Toumi /Kamal | 06/01/17 | 05/31/19 | (9,421) | 585,621 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **(9,421)** | **585,621** | **(0)** |
| 103909 LEO Pharma A/S | 103909 LEO Pharma A/ | 6938056 | C | P067952 | PO# AQMUS-ADXX | Katabi /Dina | 02/01/18 | 12/31/22 | 1,697 | 259,029 | 113,315 |
| | | 6940606 | C | P067952 | AQMUS-AERH | Katabi /Dina | 03/01/19 | 12/31/22 | 208,347 | 414,872 | (1,148) |
| | | 6943447 | C | P061901 | PURCHASE ORDER NO. LAEUS-AGUV | Shalek /Alexander K | 06/01/20 | 12/31/21 | 22,773 | 125,729 | 17,308 |
| | **Total by Primary Sponsor** | | | | | | | | **232,816** | **799,630** | **129,475** |
| 103982 Computime Limite | 103982 Computime Limited | 6938507 | C | P067952 | AGMT. DTD. 04/01/2018 | Katabi /Dina | 04/01/18 | 09/30/20 | (190,226) | 601,706 | 0 |
| | | 6943103 | C | P067952 | AGMT. DTD. 04/01/2018 | Katabi /Dina | 02/01/19 | 09/30/20 | (47) | 198,294 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(190,272)** | **800,000** | **0** |
| 104028 Janssen Biotech, Inc. | 104028 Janssen Biotech Inc. | 6937837 | C | P402000 | AGREEMENT DATED 12/19/2017 | Jacks /Tyler E | 12/19/17 | 06/30/24 | 0 | 2,418 | 2,418 |
| | | 6937838 | C | P402000 | AGREEMENT DATED 12/19/2017 | Jacks /Tyler E | 12/19/17 | 12/18/21 | 40,930 | 4,463,809 | 0 |
| | | 6937839 | C | P402010 | AGREEMENT DATED 12/19/2017 | Bhatia /Sangeeta N | 12/19/17 | 12/18/21 | 60,674 | 4,575,845 | (0) |
| | | 6937840 | C | P402010 | AGREEMENT DATED 12/19/2017 | Irvine /Darrell J | 12/19/17 | 12/18/21 | 70,419 | 4,542,228 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6938223 | C | P402000 | AGREEMENT DATED 12/19/2017 | Jacks /Tyler E | 12/19/17 | 12/18/21 | 3,762 | 911,923 | (0) |
| | | 6939013 | C | P402000 | AGREEMENT DATED 12/19/2017 | Jacks /Tyler E | 12/19/17 | 12/18/21 | 0 | 503,777 | 0 |
| | | 6946162 | C | P402000 | PO#994328553 | Jacks /Tyler E | 08/01/21 | 06/30/24 | 502,833 | 1,354,968 | 852,135 |
| | | 6946163 | C | P402000 | PO#994328553 | Bhatia /Sangeeta N | 08/01/21 | 06/30/24 | 559,358 | 1,163,250 | 603,893 |
| | | 6946164 | C | P402000 | PO#994328553 | Irvine /Darrell J | 08/01/21 | 06/30/24 | 745,903 | 1,473,450 | 727,547 |
| | **Total by Primary Sponsor** | | | | | | | | **1,983,878** | **18,991,668** | **2,185,992** |
| 104094 Oath Inc. | 104094 Oath Inc. | 6944534 | C | P068700 | AGMT. DTD. 12/1/20 | Jadbabaie-Moghadam /Ali | 08/01/19 | 06/30/21 | 0 | 5,842 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **5,842** | **0** |
| 104125 Shepherd Therapeutics | 104125 Shepherd Therapeutics | 6938921 | C | P402000 | AGREEMENT DATED 7/1/2018 | Hammond /Paula T | 08/01/18 | 06/30/22 | 10,930 | 256,268 | (284) |
| | **Total by Primary Sponsor** | | | | | | | | **10,930** | **256,268** | **(284)** |
| 104151 Zalando S | 104151 Zalando SE | 6938910 | C | P063007 | SRA DTD. 06/19/2018 | Simchi-Levi /David | 06/19/18 | 02/28/22 | 166,598 | 890,826 | (16,731) |
| | **Total by Primary Sponsor** | | | | | | | | **166,598** | **890,826** | **(16,731)** |
| 104162 Boeing Research & Technology - Brazil | 104162 Boeing Research & Technology - Brazil | 6938928 | C | P060300 | MRA# 2017-656 | Reynolds /Elisabeth Beck | 05/31/18 | 12/20/18 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **0** | **0** |
| 104173 Veoneer Sweden AB | 104173 Veoneer Swede AB | 6937360 | C | P069500 | AGMT. DTD 10/10/2017 | Coughlin /Joseph F | 10/01/17 | 03/31/22 | 222,922 | 2,528,983 | (929) |
| | **Total by Primary Sponsor** | | | | | | | | **222,922** | **2,528,983** | **(929)** |
| 104225 International Documentary Film Festival Amsterdam | 104225 International Documentary Film Festival Amsterdam | 6939892 | C | P093800 | SRA DTD 01/01/2018 | Uricchio /William C | 01/01/18 | 08/31/22 | 75,714 | 205,700 | 15,803 |
| | **Total by Primary Sponsor** | | | | | | | | **75,714** | **205,700** | **15,803** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 104228 Commonwealth Fusion Systems | 104228 Commonwealth Fusion Systems | 6938882 | C | P320000 | MEMBER AGREEMENT DTD 3/7/18 | Armstrong /Robert C | 03/01/18 | 02/28/22 | 0 | 0 | 0 |
| | | 6939195 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 03/07/21 | 0 | 0 | 0 |
| | | 6939196 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 03/07/21 | 0 | 2,812,752 | 0 |
| | | 6939197 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 03/07/21 | 0 | 542,117 | (0) |
| | | 6939198 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 10/31/19 | 0 | 136,562 | 0 |
| | | 6939199 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 10/31/19 | 0 | 1,263,119 | 0 |
| | | 6939201 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Labombard /Brian | 03/01/18 | 03/07/21 | 0 | 2,598,481 | 0 |
| | | 6939202 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Labombard /Brian | 03/01/18 | 03/07/21 | 0 | 166,622 | 0 |
| | | 6939204 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Labombard /Brian | 03/01/18 | 03/07/21 | 0 | 251,788 | 0 |
| | | 6939205 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 03/07/21 | 0 | 451 | (0) |
| | | 6939206 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 03/07/21 | 0 | 1,578,099 | (0) |
| | | 6939207 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 03/07/21 | (303) | 1,298,405 | 303 |
| | | 6939208 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 03/07/21 | 0 | 182,553 | 0 |
| | | 6939209 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 03/07/21 | 0 | 99,574 | 0 |
| | | 6939215 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 03/07/21 | 0 | 375,582 | (0) |
| | | 6939216 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 03/01/18 | 03/07/21 | 0 | 144,401 | 0 |
| | | 6939831 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 03/01/18 | 05/31/20 | 0 | 111,735 | 0 |
| | | 6939925 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/18 | 05/31/20 | 0 | 37,142 | 0 |
| | | 6939959 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/18 | 05/31/20 | 0 | 196,750 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940149 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 11/01/18 | 03/07/21 | 0 | 132,073 | 0 |
| | | 6940655 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 03/01/18 | 03/07/21 | 0 | 0 | 0 |
| | | 6940673 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 03/01/19 | 03/07/21 | 0 | 82,639 | 0 |
| | | 6940674 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 03/01/19 | 03/07/21 | 0 | 3,969 | (0) |
| | | 6940793 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 06/01/19 | 04/30/22 | 0 | 580,719 | 580,719 |
| | | 6940794 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 02/28/22 | 0 | 4,969,239 | 4,969,239 |
| | | 6940795 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 976,383 | 12,037,274 | (788,871) |
| | | 6940796 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 40,131 | 912,517 | 300,237 |
| | | 6940797 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 02/28/22 | 0 | 560,107 | 376,541 |
| | | 6940799 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 04/30/22 | 1,981,815 | 6,411,968 | 36,158 |
| | | 6940800 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 04/30/22 | 216,313 | 395,225 | (56,373) |
| | | 6940801 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 04/30/22 | 0 | 143,500 | 143,500 |
| | | 6940803 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 05/31/21 | 0 | 78,289 | (31,547) |
| | | 6940804 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 05/31/21 | (724) | 42,744 | (5) |
| | | 6940805 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 05/31/21 | 0 | 3,581 | (1,028) |
| | | 6940807 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 05/31/21 | 0 | 1,577,712 | (8,522) |
| | | 6940808 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 05/31/21 | 0 | 763,089 | (2,943) |
| | | 6940809 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 11/30/21 | 0 | 63,633 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940811 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 06/01/19 | 05/31/21 | 0 | 892,591 | (0) |
| | | 6940812 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 06/01/19 | 05/31/21 | 0 | 92,165 | 0 |
| | | 6940980 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 11/30/21 | 0 | 114,064 | (138,518) |
| | | 6940982 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/19 | 11/30/21 | 92 | 34,118 | (14,203) |
| | | 6941043 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 05/31/21 | 0 | 44,750 | 31,547 |
| | | 6941590 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 0 | 290,403 | 0 |
| | | 6941595 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 0 | 26,952 | 0 |
| | | 6941597 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 0 | 948,000 | 65,325 |
| | | 6941712 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 02/28/22 | 920,484 | 6,200,000 | (4,644,254) |
| | | 6941733 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 0 | 76,460 | 0 |
| | | 6942088 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/19 | 11/30/21 | 13 | 155,000 | (331,023) |
| | | 6943701 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 06/01/19 | 04/30/22 | (14,163) | 0 | 282 |
| | | 6943702 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 06/01/19 | 04/30/22 | (1,440) | 0 | 25 |
| | | 6943793 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/20 | 11/30/21 | 7,298 | 50,000 | (7,120) |
| | | 6943794 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/20 | 11/30/21 | 32,767 | 50,000 | 13,826 |
| | | 6944422 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 06/01/20 | 11/30/21 | 0 | 45,000 | 7,356 |
| | | 6944425 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hartwig /Zachary Seth | 01/01/20 | 11/30/21 | 0 | 57,023 | 0 |
| | | 6944966 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hubbard /Amanda E | 06/01/20 | 04/30/22 | 565,405 | 869,064 | 41,555 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944967 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hubbard /Amanda E | 06/01/20 | 04/30/22 | 60,248 | 112,943 | 22,063 |
| | | 6945065 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/20 | 04/30/22 | 562,803 | 714,648 | 47,300 |
| | | 6945066 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 06/01/20 | 04/30/22 | 21,582 | 45,199 | 23,617 |
| | | 6945082 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 03/01/18 | 04/30/22 | 0 | 0 | 0 |
| | | 6945083 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 03/01/18 | 04/30/22 | 43,324 | 117,365 | 0 |
| | | 6945419 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Granetz /Robert S | 03/01/18 | 12/04/21 | 0 | 0 | (36,329) |
| | | 6945420 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 03/01/18 | 09/30/22 | 18,777 | 0 | (57,909) |
| | | 6946177 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Lin /Yijun | 06/01/21 | 11/30/21 | 64,237 | 225,066 | 160,829 |
| | | 6946178 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 09/01/21 | 04/30/22 | 656,915 | 502,481 | (154,433) |
| | | 6946179 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Lin /Yijun | 06/01/21 | 11/30/21 | 49,786 | 0 | (49,786) |
| | | 6946180 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Whyte /Dennis G | 06/01/21 | 04/30/22 | 129,976 | 87,739 | (42,237) |
| | | 6946411 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Granetz /Robert S | 03/01/18 | 04/30/22 | 65,398 | 15,397 | (50,001) |
| | | 6946764 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 12/01/21 | 04/30/22 | 56,100 | 67,379 | 11,279 |
| | | 6946765 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Irby /James Henderson | 12/01/21 | 04/30/22 | 5,275 | 16,751 | 11,477 |
| | | 6946892 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Greenwald /Martin Joseph | 10/22/21 | 10/21/22 | 7,869 | 0 | (7,869) |
| | | 6946976 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Granetz /Robert S | 03/01/18 | 12/31/22 | 12,366 | 21,128 | 8,762 |
| | | 6947343 | C | P320000 | | Armstrong /Robert C | 03/01/22 | 02/28/27 | 0 | 0 | 0 |
| | | 6947361 | C | P243020 | AWD EFF 3/1/22 | Whyte /Dennis G | 03/01/22 | 02/28/23 | 2,750 | 10,975,000 | 10,972,250 |
| | | 6947363 | C | P243020 | AWD EFF 3/1/22 | Howard /Nathaniel Thomas | 03/01/22 | 02/28/23 | 111,430 | 0 | (111,430) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947364 | C | P243020 | AWD EFF 3/1/22 | Howard /Nathaniel Thomas | 03/01/22 | 02/28/23 | 6,240 | 0 | (6,240) |
| | | 6947367 | C | P243020 | AWD EFF 3/1/22 | Rea /Cristina | 03/01/22 | 02/28/23 | 80,704 | 0 | (80,704) |
| | | 6947368 | C | P243020 | AWD EFF 3/1/22 | Rea /Cristina | 03/01/22 | 02/28/23 | 112 | 0 | (112) |
| | | 6947371 | C | P243020 | AWD EFF 3/1/22 | Kuang /Adam QingYang | 03/01/22 | 02/28/23 | 40,245 | 0 | (40,245) |
| | | 6947375 | C | P243020 | AWD EFF 3/1/22 | Sweeney /Ryan M | 03/01/22 | 02/28/23 | 50,529 | 0 | (50,529) |
| | | 6947379 | C | P243020 | AWD EFF 3/1/22 | Garnier /Darren T | 03/01/22 | 02/28/23 | 175,169 | 0 | (175,169) |
| | | 6947380 | C | P243020 | AWD EFF 3/1/22 | Garnier /Darren T | 03/01/22 | 02/28/23 | 6,396 | 0 | (6,396) |
| | | 6947381 | C | P243020 | AWD EFF 3/1/22 | Garnier /Darren T | 03/01/22 | 02/28/23 | 267 | 0 | (267) |
| | | 6947383 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 453,279 | 0 | (453,279) |
| | | 6947384 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 8,950 | 0 | (8,950) |
| | | 6947385 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 87 | 0 | (87) |
| | | 6947387 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 435,498 | 0 | (435,498) |
| | | 6947388 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 21,146 | 0 | (21,146) |
| | | 6947389 | C | P243020 | AWD EFF 3/1/22 | Vieira /Rui F | 03/01/22 | 02/28/23 | 25,023 | 0 | (25,023) |
| | | 6947391 | C | P243020 | AWD EFF 3/1/22 | Irby /James Henderson | 03/01/22 | 02/28/23 | 213,544 | 0 | (213,544) |
| | | 6947392 | C | P243020 | AWD EFF 3/1/22 | Irby /James Henderson | 03/01/22 | 02/28/23 | 17,761 | 0 | (17,761) |
| | | 6947395 | C | P243020 | AWD EFF 3/1/22 | Michael /Philip C | 03/01/22 | 02/28/23 | 106,401 | 0 | (106,401) |
| | | 6947396 | C | P243020 | AWD EFF 3/1/22 | Michael /Philip C | 03/01/22 | 02/28/23 | 19,396 | 0 | (19,396) |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947397 | C | P243020 | AWD EFF 3/1/22 | Michael /Philip C | 03/01/22 | 02/28/23 | 0 | 0 | 0 |
| | | 6947399 | C | P243020 | AWD EFF 3/1/22 | Kuang /Adam QingYang | 03/01/22 | 02/28/23 | 55,540 | 0 | (55,540) |
| | | 6947400 | C | P243020 | AWD EFF 3/1/22 | Kuang /Adam QingYang | 03/01/22 | 02/28/23 | 300 | 0 | (300) |
| | | 6947403 | C | P243020 | AWD EFF 3/1/22 | Rice /John E | 03/01/22 | 02/28/23 | 388,190 | 0 | (388,190) |
| | | 6947404 | C | P243020 | AWD EFF 3/1/22 | Rice /John E | 03/01/22 | 02/28/23 | 8,430 | 0 | (8,430) |
| | | 6947405 | C | P243020 | AWD EFF 3/1/22 | Rice /John E | 03/01/22 | 02/28/23 | 16,420 | 0 | (16,420) |
| | | 6947406 | C | P243020 | AWD EFF 3/1/22 | Schuh /Christopher A | 03/01/22 | 02/28/23 | 29,949 | 0 | (29,949) |
| | | 6947408 | C | P243020 | AWD EFF 3/1/22 | Schuh /Christopher A | 03/01/22 | 02/28/23 | 7,590 | 0 | (7,590) |
| | | 6947411 | C | P243020 | AWD EFF 3/1/22 | Short /Michael P | 03/01/22 | 02/28/23 | 3,915 | 0 | (3,915) |
| | | 6947417 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 2,027 | 0 | (2,027) |
| | | 6947420 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 113,915 | 0 | (113,915) |
| | | 6947421 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 482 | 0 | (482) |
| | | 6947435 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 122,381 | 0 | (122,381) |
| | | 6947436 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 1,650 | 0 | (1,650) |
| | | 6947437 | C | P243020 | AWD EFF 3/1/22 | Golfinopoulos /Theodore | 03/01/22 | 02/28/23 | 9,320 | 0 | (9,320) |
| | | 6947541 | C | P243020 | MEMBER AGREEMENT DTD 3/7/18 | Hubbard /Amanda E | 12/01/21 | 04/30/22 | 20,249 | 17,435 | (2,814) |
| | | 6947836 | C | P243020 | AWD EFF 3/1/22 | Whyte /Dennis G | 03/01/22 | 02/28/23 | 97,162 | 600,000 | 502,838 |
| | **Total by Primary Sponsor** | | | | | | | | **9,131,173** | **64,018,532** | **9,368,956** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 104242 Chan Zuckerberg Foundation | 006120 Harvard University | 6938333 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/18 | 12/31/23 | 0 | 0 | 0 |
| | | 6938353 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/18 | 12/31/18 | 0 | 177,281 | 0 |
| | | 6938387 | C | P400600 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/18 | 12/31/18 | 0 | 108,838 | 0 |
| | | 6938388 | C | P154500 | NO. 256568-5107896 | Schulz /Laura E | 01/01/18 | 12/31/18 | 0 | 52,398 | 0 |
| | | 6939850 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/19 | 12/31/19 | 0 | 183,773 | 0 |
| | | 6939851 | C | P400600 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/19 | 12/31/19 | 0 | 391,270 | (0) |
| | | 6939852 | C | P154500 | NO. 256568-5107896 | Schulz /Laura E | 01/01/19 | 12/31/19 | 0 | 109,407 | 0 |
| | | 6942448 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/20 | 12/31/20 | 0 | 189,515 | 0 |
| | | 6942449 | C | P093800 | NO. 256568-5107896 | Klopfer /Eric | 01/01/20 | 12/31/20 | 0 | 0 | 0 |
| | | 6942450 | C | P400600 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/20 | 12/31/20 | 0 | 302,121 | (0) |
| | | 6945446 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/21 | 12/31/21 | 99,336 | 194,708 | (0) |
| | | 6945447 | C | P400600 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/21 | 12/31/21 | 248,111 | 345,005 | 0 |
| | | 6946385 | C | P061902 | 282380_MITCHEL | Greenberg /Julie E | 06/01/21 | 05/31/22 | 68,983 | 69,323 | 340 |
| | | 6947467 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/22 | 12/31/23 | 450 | 0 | (450) |
| | | 6947591 | C | P405028 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/22 | 12/31/23 | 88,345 | 214,568 | 126,224 |
| | | 6947592 | C | P400600 | NO. 256568-5107896 | Gabrieli /John D. E. | 01/01/22 | 12/31/23 | 148,588 | 528,841 | 380,252 |
| | **Total by Primary Sponsor** | | | | | | | | **653,814** | **2,867,049** | **506,366** |
| 104329 Deerfield Management | 010085 The Broad Institute, Inc. | 6943448 | C | P400600 | 7000084-5500001447 | Feng /Guoping | 05/01/20 | 09/30/21 | 461,857 | 1,812,301 | 817 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **461,857** | **1,812,301** | **817** |
| 104330 Stand Up to Cancer/Entertainm ent Industry Foundation | 005817 Dana Farber Cancer Institute | 6940133 | C | P152000 | 6323403 | Johnson /Jeremiah A. | 09/01/18 | 02/28/22 | 0 | 0 | 0 |
| | | 6940189 | C | P152000 | 6323401 | Johnson /Jeremiah A. | 09/01/18 | 08/31/19 | 0 | 132,516 | 0 |
| | | 6942298 | C | P152000 | 6323402 | Johnson /Jeremiah A. | 09/01/19 | 08/31/20 | 0 | 91,272 | 0 |
| | | 6942300 | C | P152000 | 6323403 | Johnson /Jeremiah A. | 09/01/20 | 02/28/22 | 97,078 | 173,760 | 857 |
| | 006131 Fred Hutchinsor Cancer Research Cente | 6944915 | C | P402000 | SUB#0001054791 | Jacks /Tyler E | 07/01/20 | 06/30/22 | 55,466 | 100,000 | 44,534 |
| | 006832 New York University School of Medicine | 6946011 | C | P402000 | SU2C #6207 /PO M220476984 | Jacks /Tyler E | 01/01/21 | 12/31/21 | 106,564 | 250,000 | 143,436 |
| | | 6947448 | C | P402000 | SU2C #6207 /PO M220476984 | Jacks /Tyler E | 01/01/22 | 12/31/22 | 107,561 | 250,000 | 142,439 |
| | 007150 Princeton University | 6945192 | C | P402000 | SUB0000498 | Manalis /Scott R | 01/01/21 | 12/31/22 | 188,863 | 500,000 | 311,137 |
| | 104330 Stand Up to Cancer/Entertainment Industry Foundation | 6940339 | C | P069201 | AGMT DATED 2/14/19 | Fraenkel /Ernest | 11/01/18 | 11/30/22 | 87,666 | 547,162 | 311,607 |
| | | 6940680 | C | P067952 | AGMT DATED 2/14/19 | Barzilay /Regina | 11/01/18 | 11/30/22 | 0 | 152,838 | 62,605 |
| | **Total by Primary Sponsor** | | | | | | | | **643,198** | **2,197,548** | **1,016,615** |
| 104343 MIchelson Medical Research Foundation, Inc | 104343 MIchelson Medical Research Foundation, Inc | 6943440 | C | P402000 | AWARD LETTER 6/17/20 | Birnbaum /Michael E | 07/01/20 | 12/31/21 | 93,697 | 150,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **93,697** | **150,000** | **0** |
| 104360 IHI Corporation | 104360 IHI Corporation | 6938799 | C | P320000 | AGREEMENT DTD 5/1/18 | Armstrong /Robert C | 05/01/18 | 04/30/24 | 0 | 100,000 | 100,000 |
| | | 6939092 | C | P320103 | AGREEMENT DTD 5/1/18 | Hatton /Trevor Alan | 05/01/18 | 04/30/20 | 0 | 760,083 | 0 |
| | | 6939230 | C | P320103 | AGREEMENT DTD 5/1/18 | Barton /Paul I | 06/01/18 | 05/31/19 | 0 | 196,897 | 0 |
| | | 6939287 | C | P320103 | AGREEMENT DTD 5/1/18 | Hatton /Trevor Alan | 08/01/18 | 02/28/19 | 0 | 51,742 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946891 | C | P320103 | AGREEMENT DTD 5/1/18 | Surendranath /Yogesh | 12/01/21 | 11/30/24 | 62,013 | 50,000 | (12,013) |
| | | 6947737 | C | P320000 | AGREEMENT DTD 5/1/18 | Mallapragada /Dharik Sanchan | 04/01/22 | 09/30/23 | 27,518 | 0 | (27,518) |
| | **Total by Primary Sponsor** | | | | | | | | **89,531** | **1,158,722** | **60,469** |
| 104361 Magnolia Quality Development Corporation | 104361 Magnolia Qualit Development Corporatic | 6939906 | C | P320000 | AGREEMENT DTD. 5/23/18 | Strano /Michael S. | 09/01/18 | 06/30/21 | (505) | 950,025 | (0) |
| | | 6941731 | C | P320000 | AGREEMENT DTD. 5/23/18 | Kennedy /Sheila | 09/01/18 | 11/30/21 | 11,800 | 49,541 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **11,294** | **999,565** | **(0)** |
| 104383 Translate Bio | 104383 Translate Bio | 6941625 | C | P402000 | AGREEMENT EFFECTIVE 9/3/19 | Anderson /Daniel Griffith | 01/01/20 | 12/31/22 | 1,144,760 | 4,454,637 | 869,104 |
| | **Total by Primary Sponsor** | | | | | | | | **1,144,760** | **4,454,637** | **869,104** |
| 104404 PTC | 104404 PTC | 6943902 | C | P039010 | AGREEMENT DATED JUNE 12, 2020 | Maes /Patricia | 03/01/20 | 02/28/23 | 120,907 | 130,000 | (1,016) |
| | **Total by Primary Sponsor** | | | | | | | | **120,907** | **130,000** | **(1,016)** |
| 104443 NCSOFT | 104443 NCSOFT | 6942315 | C | P417500 | AGMT DTD 12/18/19 | Mueller /Stefanie | 09/01/19 | 08/31/21 | (40,332) | 140,000 | (0) |
| | | 6942316 | C | P417500 | AGMT DTD 12/18/19 | Daniel /Luca | 11/01/19 | 10/31/20 | 0 | 140,000 | 0 |
| | | 6942317 | C | P417500 | AGMT DTD 12/18/19 | Matusik /Wojciech | 09/01/19 | 08/31/21 | 1,873 | 140,000 | 0 |
| | | 6942318 | C | P417500 | AGMT DTD 12/18/19 | Hu /Juejun | 09/01/19 | 08/31/21 | 12,468 | 140,000 | (0) |
| | | 6942319 | C | P417500 | AGMT DTD 12/18/19 | Harrell /Douglas Alan | 12/15/19 | 12/14/21 | 107,635 | 140,000 | 759 |
| | | 6944749 | C | P417500 | AGMT DTD 12/18/19 | Alizadeh Attar /Mohammadreza | 09/01/20 | 06/30/22 | 53,127 | 130,000 | (64) |
| | | 6944750 | C | P417500 | AGMT DTD 12/18/19 | Daniel /Luca | 09/01/20 | 06/30/22 | 24,524 | 100,000 | 15,122 |
| | | 6944751 | C | P417500 | AGMT DTD 12/18/19 | Durand /Frederic | 09/01/20 | 12/31/21 | (180,734) | 100,000 | 43 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944752 | C | P417500 | AGMT DTD 12/18/19 | Kim /Jeehwan | 09/01/20 | 08/31/22 | 86,150 | 100,000 | (10,265) |
| | | 6944753 | C | P417500 | AGMT DTD 12/18/19 | Oliver /William D | 09/01/20 | 12/31/21 | 91,008 | 100,000 | 1,231 |
| | | 6944754 | C | P417500 | AGMT DTD 12/18/19 | Scheib /Jay R | 09/01/20 | 12/31/21 | 35,452 | 100,000 | 40,844 |
| | | 6944755 | C | P417500 | AGMT DTD 12/18/19 | Solomon /Justin | 03/01/21 | 12/31/22 | 86,375 | 100,000 | (667) |
| | | 6947548 | C | P417500 | AGMT DTD 4/15/2022 | Condry /Ian | 01/01/22 | 12/31/22 | 41,047 | 0 | (41,047) |
| | **Total by Primary Sponsor** | | | | | | | | **318,593** | **1,430,000** | **5,956** |
| 104446 THE PAUL G. ALLEN FRONTIERS GROUP | 005817 Dana Farber Cancer Institute | 6940362 | C | P402000 | SUBAWARD REF# 6330803 | Manalis /Scott R | 12/01/18 | 11/30/22 | 117,807 | 450,000 | 69,495 |
| | | 6940576 | C | P402000 | SUBAWARD REF# 6330801 | Hemann /Michael | 12/01/18 | 11/30/22 | 14,977 | 150,000 | 257 |
| | **Total by Primary Sponsor** | | | | | | | | **132,784** | **600,000** | **69,752** |
| 104447 Mercury New Zealand | 104447 Mercury New Zealand | 6939549 | C | P065004 | SRA DTD. TBD | Hunter /Ian | 09/01/18 | 05/31/21 | 1,240 | 230,000 | (0) |
| | | 6940960 | C | P065004 | SRA DTD. TBD | Hunter /Ian | 09/01/18 | 05/31/21 | 0 | 18,183 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,240** | **248,184** | **(0)** |
| 104453 Fujifilm Holdings Corporation | 104453 Fujifilm Holdings | 6939844 | C | P402000 | AGREEMENT DATED OCTOBER 1, 2( | Anderson /Daniel Griffith | 10/01/18 | 09/30/22 | 686,594 | 2,680,028 | 269,426 |
| | **Total by Primary Sponsor** | | | | | | | | **686,594** | **2,680,028** | **269,426** |
| 104471 The Mark Foundation for Cancer Research | 005817 Dana Farber Cancer Institute | 6944488 | C | P402000 | SUBAWARD NO. 6368401 | White /Forest M | 11/01/20 | 10/31/21 | 48,484 | 100,000 | 0 |
| | 104471 The Mark Foundation for Cancer Research | 6940511 | C | P061901 | AGREEMENT DATED 3/15/19 | Sontag /David Alexander | 03/15/19 | 03/14/24 | 128,923 | 1,000,000 | 578,792 |
| | | 6944638 | C | P402000 | 21-007-ASP | Irvine /Darrell J | 03/16/21 | 08/15/22 | 187,734 | 289,601 | 1,440 |
| | | 6944639 | C | P402000 | 21-008-ASP | Koehler /Angela Nicole | 03/16/21 | 03/15/22 | 135,046 | 250,000 | (368) |
| | **Total by Primary Sponsor** | | | | | | | | **500,186** | **1,639,601** | **579,864** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 104525 Swisscom AG | 104525 Swisscom AG | 6939063 | C | P121012 | PO 4501206116 | Eppinger /Steven D | 08/01/18 | 12/31/21 | 30,157 | 334,969 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **30,157** | **334,969** | **(0)** |
| 104551 Equinor ASA | 104551 Equinor ASA | 6941177 | C | P320000 | MEMBER AGR NO.4502981450 | Grossman /Jeffrey C. | 04/01/19 | 03/31/23 | 217,515 | 810,945 | 10,955 |
| | | 6941399 | C | P320000 | MEMBER AGR NO.4502981450 | Sakti /Apurba | 09/01/19 | 01/01/22 | 67,363 | 313,589 | 0 |
| | | 6941808 | C | P320000 | MEMBER AGR NO.4502981450 | Hart /Anastasios John | 07/01/19 | 08/31/23 | 223,514 | 850,190 | 156,203 |
| | | 6942708 | C | P320000 | MEMBER AGR NO.4502981450 | Rupp /Jennifer Lilia Marguerit | 02/01/20 | 11/30/22 | 101,909 | 544,085 | 116,464 |
| | **Total by Primary Sponsor** | | | | | | | | **610,301** | **2,518,810** | **283,622** |
| 104552 Novelis | 104552 Novelis | 6941552 | C | P066000 | RESEARCH AGREEMENT EFFECTIVE 11-8-19 | Olivetti /Elsa A | 09/01/19 | 12/09/24 | (14,231) | 51,100 | 14,802 |
| | | 6947051 | C | P066000 | RESEARCH AGREEMENT EFFECTIVE 11-8-19 | Olivetti /Elsa A | 12/10/21 | 12/09/24 | 0 | 300,000 | 300,000 |
| | **Total by Primary Sponsor** | | | | | | | | **(14,231)** | **351,100** | **314,802** |
| 104564 University of Guadalajara Central | 104564 University of Guadalajara Central | 6942307 | C | P039000 | AGREEMENT EFFECTIVE 11/1/19 | Larson /Kent | 11/01/19 | 10/31/22 | 149,584 | 1,000,000 | (173,480) |
| | **Total by Primary Sponsor** | | | | | | | | **149,584** | **1,000,000** | **(173,480)** |
| 104566 Changwor National University | 104566 Changwon National University | 6939242 | C | P065004 | SRA DTD. 08/23/2018 | Fang /Xuanlai | 07/01/18 | 12/31/21 | 87,702 | 280,864 | 10,838 |
| | | 6942207 | C | P065004 | SRA DTD. 12/18/19 | Fang /Xuanlai | 12/01/19 | 05/31/21 | (94,700) | 125,846 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(6,998)** | **406,710** | **10,838** |
| 104569 Zapata Computing Inc | 104569 Zapata Computing Inc | 6939167 | C | P066000 | SRA DTD. 08/15/2018 | Gomez-Bombarelli /Rafael | 08/01/18 | 05/31/22 | 16,734 | 155,000 | 32,634 |
| | **Total by Primary Sponsor** | | | | | | | | **16,734** | **155,000** | **32,634** |
| 104587 Administrative Committee of Zhengdong New | 104587 Administrative Committee of Zhengdong New District of Zhengzhou | 6939357 | C | P035000 | TBD | Zheng /Siqi | 11/01/18 | 10/31/21 | 23,054 | 1,500,000 | 1,410,616 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Zhengdong New District of Zhengzhou | of Zhengzhou | 6942503 | C | P035000 | TBD | Zheng /Siqi | 07/01/19 | 08/31/21 | 0 | 0 | (176,121) |
| | | 6942504 | C | P035000 | TBD | Zheng /Siqi | 07/01/19 | 06/30/22 | 0 | 0 | (24,874) |
| | | 6942505 | C | P035000 | TBD | Zheng /Siqi | 07/01/19 | 08/31/21 | 0 | 0 | (70,618) |
| | **Total by Primary Sponsor** | | | | | | | | **23,054** | **1,500,000** | **1,139,002** |
| 104592 VTSIX | 104592 VTSIX | 6939271 | C | P153000 | AGMT. DTD. 08/01/2018 | Ravela /Sai Czander | 08/01/18 | 07/31/21 | 0 | 151,330 | 111,300 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **151,330** | **111,300** |
| 104606 Toyota Mobility Foundatio | 104606 Toyota Mobility Foundation | 6942878 | C | P030001 | AGREEMENT DATED 3/1/2020 | Berger /Alan M | 03/01/20 | 08/31/21 | 14,018 | 264,415 | 0 |
| | | 6946538 | C | P030001 | AGMNT EFF 08/01/2021 | Berger /Alan M | 08/01/21 | 07/31/22 | 100,085 | 120,000 | 19,915 |
| | **Total by Primary Sponsor** | | | | | | | | **114,102** | **384,415** | **19,915** |
| 104614 Coil Technologies | 104614 Coil Technologies | 6944552 | C | P067952 | AGREEMENT DATED 11/1/2020 | Jaffe /Jeffrey | 11/01/20 | 03/31/22 | 133,868 | 268,700 | 96,103 |
| | **Total by Primary Sponsor** | | | | | | | | **133,868** | **268,700** | **96,103** |
| 104623 Southern University of Science and Technology | 104623 Southern University of Science and Technology | 6939546 | C | P065004 | CRA DTD. TBD | Brisson /John G | 09/01/18 | 08/31/23 | 0 | 3,701,381 | 3,701,426 |
| | | 6939833 | C | P065005 | CRA DTD. TBD | Yue /Dick K. P. | 09/01/18 | 08/31/23 | 137,865 | 630,000 | 83,848 |
| | | 6939834 | C | P065004 | CRA DTD. TBD | Hogan /Neville | 09/01/18 | 08/31/23 | 132,894 | 630,000 | 128,470 |
| | | 6939835 | C | P065004 | CRA DTD. TBD | Asada /Haruhiko | 09/01/18 | 08/31/23 | 89,942 | 611,332 | 110,686 |
| | | 6939836 | C | P065004 | CRA DTD. TBD | Kim /Jeehwan | 09/01/18 | 08/31/23 | 125,717 | 630,000 | 44,885 |
| | | 6939837 | C | P065004 | CRA DTD. TBD | Fang /Xuanlai | 09/01/18 | 08/31/23 | 217,234 | 630,000 | 17,505 |
| | | 6939838 | C | P065009 | CRA DTD. TBD | Wang /Evelyn | 09/01/18 | 08/31/21 | 23,274 | 450,000 | 0 |



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| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939839 | C | P065005 | CRA DTD. TBD | Zhao /Xuanhe | 09/01/18 | 08/31/23 | 231,798 | 630,000 | 36,391 |
| | | 6939841 | C | P065005 | CRA DTD. TBD | Lienhard /John H | 09/01/18 | 08/31/23 | 51,459 | 630,000 | 155,502 |
| | | 6939842 | C | P065004 | CRA AGREEMENT | Kim /Sangbae | 09/01/18 | 08/31/23 | 362,718 | 630,000 | 125,010 |
| | | 6941796 | C | P065005 | CRA DTD. TBD | Wang /Evelyn | 09/01/19 | 08/31/22 | 102,388 | 450,000 | 134,298 |
| | | 6941806 | C | P065004 | CRA DTD. TBD | Barbastathis /George | 09/01/19 | 08/31/22 | 153,020 | 450,000 | 209,601 |
| | | 6942163 | C | P065004 | CRA DTD. TBD | Ghoniem /Ahmed F | 09/01/19 | 08/31/22 | 100,668 | 450,000 | 117,807 |
| | | 6945740 | C | P065009 | CRA DTD. TBD | Asada /Haruhiko | 07/01/21 | 08/31/23 | 7,722 | 18,668 | 10,946 |
| | | 6946816 | C | P065005 | CRA DTD. 12/23/21 | Liu /Yuming | 09/01/21 | 08/31/23 | 123,564 | 180,000 | 56,436 |
| | | 6946818 | C | P065004 | CRA DTD. TBD | Deng /Sili | 09/01/21 | 08/31/23 | 0 | 164,000 | 164,000 |
| | | 6946885 | C | P065004 | CRA DTD. 1/25/22 | Portela Galindo /Carlos M | 09/01/21 | 08/31/23 | 70,060 | 180,000 | 109,940 |
| | | 6946934 | C | P065004 | CRA DTD. TBD | Boriskina /Svetlana V | 09/01/21 | 08/31/23 | 16,505 | 180,000 | 163,495 |
| | | 6947062 | C | P065004 | CRA DTD. TBD | Deng /Sili | 02/01/22 | 08/31/23 | 1,868 | 16,000 | 14,132 |
| | **Total by Primary Sponsor** | | | | | | | | **1,948,695** | **11,261,381** | **5,384,377** |
| 104643 A Breath c Hope Lung Foundation | 104643 A Breath of Hop Lung Foundation | 6939790 | C | P402000 | 2018 ABOH RESEACH FELLOWSHIP | Spranger-Zimmermann /Stefani | 12/01/18 | 05/30/21 | 2,955 | 150,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,955** | **150,000** | **0** |
| 104665 MicroLink Devices | 104665 MicroLink Devices | 6939489 | C | P065004 | SRA DTD. 10/10/2018 | Kim /Jeehwan | 08/07/18 | 04/14/23 | 134,161 | 244,890 | 65,872 |
| | **Total by Primary Sponsor** | | | | | | | | **134,161** | **244,890** | **65,872** |
| 104728 Daimler Purchasing Coordination Corp | 104728 Daimler Purchasing Coordination Corp. | 6939062 | C | P065005 | PO 1013859323 | Tian /Tian | 07/15/18 | 07/14/22 | 67,224 | 680,439 | 58,165 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **67,224** | **680,439** | **58,165** |
| 104735 Schmidt Family Foundation | 005408 California Institute of Technology | 6940312 | C | P153000 | S405609 | Ferrari /Raffaele | 08/01/18 | 09/30/22 | 489,122 | 2,723,666 | 553,408 |
| | | 6944792 | C | P153000 | S405609 | Edelman /Alan | 10/01/20 | 09/30/22 | 81,222 | 114,232 | (25,861) |
| | **Total by Primary Sponsor** | | | | | | | | **570,344** | **2,837,898** | **527,547** |
| 104787 Allegheny Technologies Incorporated | 104787 Allegheny Technologies Incorporated | 6940285 | C | P417500 | AGREEMENT DTD 1/15/19 | Tasan /Cemal | 01/15/19 | 12/31/22 | 278,971 | 866,316 | 252,494 |
| | **Total by Primary Sponsor** | | | | | | | | **278,971** | **866,316** | **252,494** |
| 104829 U.S. Election Assistance Commission | 104829 U.S. Election Assistance Commission | 6944470 | C | P095500 | EAC-20-0067 | Stewart /Charles H | 09/21/20 | 11/30/21 | 85,427 | 100,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **85,427** | **100,000** | **0** |
| 104868 Edwards Vacuum LLC | 104868 Edwards Vacuum LLC | 6945051 | C | P065004 | PO# 9218000 | Hart /Anastasios John | 03/01/21 | 10/31/21 | 80,034 | 97,500 | 6,962 |
| | **Total by Primary Sponsor** | | | | | | | | **80,034** | **97,500** | **6,962** |
| 104926 Blue Origin, LLC | 104926 Blue Origin, LLC | 6945619 | C | P062000 | AGRMT EFFECTIVE 6/1/21/PO#: 10269442 | Hatton /Trevor Alan | 06/01/21 | 04/30/23 | 69,364 | 232,148 | 154,197 |
| | | 6946922 | C | P061093 | PO 10309945-4 | de Weck /Olivier L | 01/16/22 | 01/15/23 | 133,498 | 352,443 | 218,946 |
| | **Total by Primary Sponsor** | | | | | | | | **202,861** | **584,591** | **373,143** |
| 104929 Xibus Systems, Inc. | 104929 Xibus Systems, Inc. | 6945194 | C | P062000 | AGRMT DATED | Sikes Johnson /Hadley | 03/01/21 | 05/31/22 | 90,996 | 160,105 | 62,239 |
| | **Total by Primary Sponsor** | | | | | | | | **90,996** | **160,105** | **62,239** |
| 104991 NGK Spark Plug Co., Lt | 104991 NGK Spark Plug Co., Ltd | 6946133 | C | P267200 | AGMT EFF 8/1/21 | Shao-Horn /Yang | 10/01/21 | 03/31/24 | 160,706 | 332,070 | 171,364 |
| | | 6947298 | C | P267200 | AGMT EFF 8/1/21 | Shao-Horn /Yang | 04/01/22 | 07/31/22 | 0 | 6,272 | 6,272 |
| | **Total by Primary Sponsor** | | | | | | | | **160,706** | **338,342** | **177,636** |
| 105028 MTech (Shanghai) Information Technology Co | 105028 MTech (Shanghai) Information Technology Co., Ltd. | 6942543 | C | P093800 | AGMT. DTD. 1/31/20 | Osterweil /Scot | 01/01/20 | 06/30/23 | 21,685 | 133,636 | 63,765 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Technology Co., Ltd. | **Total by Primary Sponsor** | | | | | | | | **21,685** | **133,636** | **63,765** |
| 105071 Kairos Power | 105071 Kairos Power | 6941856 | C | P264000 | RESEARCH AGMT. NO. 100072 | Hu /Lin-Wen | 07/01/19 | 06/30/21 | (172) | 136,862 | 0 |
| | | 6942707 | C | P264000 | RESEARCH AGMT. NO. 100072 | Hu /Lin-Wen | 02/07/20 | 03/21/21 | 0 | 23,138 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(172)** | **160,000** | **0** |
| 105107 Fonterra | 105107 Fonterra | 6940173 | C | P065004 | PO# 6500095199 | Hunter /Ian | 01/01/19 | 12/31/22 | 317,539 | 1,172,200 | 438,762 |
| | | 6941126 | C | P065004 | PO# 6500095197 | Hunter /Ian | 06/01/19 | 12/31/22 | 289,438 | 1,215,000 | 224,931 |
| | | 6942324 | C | P065004 | PO# 6500095198 | Hunter /Ian | 01/01/20 | 12/31/22 | 308,727 | 1,077,000 | 478,321 |
| | | 6944564 | C | P065004 | SRA DTD 10/7/2019 | Hunter /Ian | 12/01/20 | 12/31/22 | 199,822 | 200,000 | 178 |
| | | 6946225 | C | P152000 | SRA DTD 10/7/2019 | Swager /Timothy M | 01/01/20 | 05/31/22 | 146,835 | 150,000 | 3,165 |
| | **Total by Primary Sponsor** | | | | | | | | **1,262,361** | **3,814,200** | **1,145,357** |
| 105126 Stiftung Grundeinkommen | 105126 Stiftung Grunde | 6940587 | C | P091000 | SRA DTD. 04/05/2019 | Jaeger /Simon C. | 04/01/19 | 09/30/22 | 80,958 | 294,423 | (15,682) |
| | **Total by Primary Sponsor** | | | | | | | | **80,958** | **294,423** | **(15,682)** |
| 105186 Civil Aviation Flight University of China | 105186 Civil Aviation Flight University of Chin | 6941241 | C | P061093 | | Leveson /Nancy G | 07/01/19 | 12/31/22 | 15,018 | 108,000 | 55,522 |
| | **Total by Primary Sponsor** | | | | | | | | **15,018** | **108,000** | **55,522** |
| 105191 Airbus Americas, Inc. | 105191 Airbus Americas, Inc. | 6942184 | C | P067952 | AGMT DATED 12/2/19 | Williams /Brian C | 12/02/19 | 12/01/22 | 82,579 | 484,408 | 22,909 |
| | | 6942226 | C | P031000 | PO# C000566581 | Tibbits /Skylar | 12/15/19 | 10/31/21 | 7,499 | 185,405 | 0 |
| | | 6943952 | C | P061093 | AGMT DTD. 08/31/2020 | de Weck /Olivier L | 09/01/20 | 08/31/23 | 258,224 | 860,000 | 478,277 |
| | **Total by Primary Sponsor** | | | | | | | | **348,302** | **1,529,813** | **501,187** |
| 105365 Cryotech LLC | 105365 Cryotech LLC | 6940229 | C | P069201 | AGREEMENT DTD 1/1/19 | Griffith /Linda G | 01/01/19 | 08/31/23 | 17,677 | 343,579 | 63,889 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **17,677** | **343,579** | **63,889** |
| 105386 Sumitomo Chemical Co., Ltd | 105386 Sumitomo Chemical Co., Ltd | 6940839 | C | P066000 | AGMT DATED 4/01/19 | Gomez-Bombarelli /Rafael | 07/01/19 | 12/31/21 | (501) | 372,397 | 0 |
| | | 6944914 | C | P066000 | AGRMT DATED 3-1-2021 | Gomez-Bombarelli /Rafael | 02/01/21 | 06/30/23 | 52,350 | 200,000 | 147,650 |
| | **Total by Primary Sponsor** | | | | | | | | **51,849** | **572,397** | **147,650** |
| 105432 Artemis Biosystems, Inc. | 105432 Artemis Biosystems, Inc. | 6943315 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | (7,323) | 53,421 | (0) |
| | | 6943604 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | 1,853 | 21,579 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(5,471)** | **75,000** | **(0)** |
| 105493 City of Stockholm | 105327 Kungliga Tekniska Hogskolan | 6943109 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 03/29/19 | 03/28/24 | (4,452) | 8,797 | 8,797 |
| | | 6943110 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 03/29/19 | 03/28/24 | 24,810 | 18,243 | (14,939) |
| | | 6943111 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 03/29/19 | 03/28/24 | 76,161 | 103,131 | (19,597) |
| | | 6943112 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 03/29/19 | 03/28/24 | (54,186) | 0 | (688) |
| | | 6943252 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 10/01/19 | 12/31/22 | 161,010 | 399,686 | (798) |
| | | 6944166 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 09/07/20 | 09/07/21 | (14,039) | 145,611 | 0 |
| | | 6944216 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 04/01/20 | 06/01/22 | 86,996 | 217,428 | 1,158 |
| | | 6944217 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 05/01/20 | 05/01/21 | (1,179) | 40,727 | (0) |
| | | 6944748 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 04/01/20 | 06/01/22 | 8,731 | 15,400 | (44) |
| | | 6946095 | C | P035000 | RPP 06 DATED JUNE 1 2021 | Ratti /Carlo | 06/01/21 | 08/31/22 | 140,001 | 162,396 | 22,394 |
| | | 6946183 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 06/01/21 | 08/31/22 | 140,588 | 157,407 | 16,818 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946423 | C | P035000 | RPP 05 DATED JUNE 1 2021 | Ratti /Carlo | 06/01/21 | 08/31/22 | 101,801 | 151,284 | 49,483 |
| | | 6946506 | C | P035000 | AGREEMENT DATED 3/29/2019 | Ratti /Carlo | 06/01/21 | 08/31/22 | 2,347 | 17,152 | 14,805 |
| | **Total by Primary Sponsor** | | | | | | | | **668,589** | **1,437,261** | **77,390** |
| 105508 Avalon GloboCare Corp. | 105508 Avalon GloboCare Corp. | 6940423 | C | P402000 | AGREEMENT EFFECTIVE 3/7/19 | Langer /Robert S | 04/01/19 | 03/31/22 | 164,437 | 986,271 | 0 |
| | | 6940856 | C | P400600 | AGREEMENT EFFECTIVE 3/7/19 | Boyden /Edward | 04/01/19 | 03/31/22 | 12,832 | 79,024 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **177,269** | **1,065,295** | **0** |
| 105547 Sony Corporation of America | 105547 Sony Corporation of America | 6941741 | C | P067952 | PO 4200443674 | Agrawal /Pulkit | 08/16/19 | 12/31/20 | 0 | 19,374 | 0 |
| | | 6944780 | C | P268001 | PO # 4200520523 | Han /Song | 02/01/21 | 03/31/22 | 99,640 | 100,000 | 360 |
| | | 6944975 | C | P067952 | PO# 4200524349 | Agrawal /Pulkit | 02/01/21 | 07/31/22 | 59,282 | 100,000 | 34,506 |
| | | 6946390 | C | P067952 | PO#4200588904 | Andreas /Jacob D | 02/15/22 | 02/14/23 | 19,298 | 100,000 | 80,702 |
| | | 6946708 | C | P066000 | PO#: 4200577815 | Gomez-Bombarelli /Rafael | 12/15/21 | 12/14/22 | 0 | 100,000 | 100,000 |
| | | 6946957 | C | P067952 | PO 420061165 / 4200601165 | Sanchez Martin /Daniel | 04/01/22 | 01/31/23 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **178,220** | **519,374** | **315,568** |
| 105571 European Research Council | 007685 University of Edinburgh | 6947469 | C | P267200 | C-11338711 | Hufnagel /Stefanie S | 01/01/22 | 12/31/26 | 2,146 | 19,965 | 17,820 |
| | 105571 European Research Council | 6943078 | C | P402000 | NUMBER 855158 - ANEUPLOIDY | Amon /Angelika B | 04/01/20 | 03/31/26 | 171,807 | 686,167 | 344,134 |
| | | 6945668 | C | P400600 | 951275 | Boyden /Edward | 06/01/21 | 05/31/27 | 423,632 | 1,550,419 | 1,126,787 |
| | **Total by Primary Sponsor** | | | | | | | | **597,585** | **2,256,552** | **1,488,740** |
| 105575 Sartorius Stedim North America | 105575 Sartorius Stedin North America | 6943296 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | (108) | 128,421 | 88,207 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943606 | C | P069400 | SRA DTD 05/19/2020 | Sinskey /Anthony J | 07/01/19 | 06/30/21 | 1,853 | 21,579 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,745** | **150,000** | **88,207** |
| 105610 JPMorgan Chase Foundation | 105610 JPMorgan Chase Foundation | 6943075 | C | P068000 | 55992197 | Shah /Julie A | 12/15/19 | 12/31/22 | 146,813 | 750,000 | 151,948 |
| | **Total by Primary Sponsor** | | | | | | | | **146,813** | **750,000** | **151,948** |
| 105612 Universiti Tenaga Nasional | 105612 Universiti Tenaga Nasional | 6946740 | C | P065004 | AGMT EFF 1/1/22 | Kim /Jeehwan | 01/01/22 | 07/10/22 | 108,996 | 100,000 | (8,996) |
| | **Total by Primary Sponsor** | | | | | | | | **108,996** | **100,000** | **(8,996)** |
| 105627 Fortum | 105627 Fortum | 6943864 | C | P068000 | PURCHASE ORDER MX21312GNAME20 | Shirvan /Koroush | 06/01/20 | 05/31/23 | 128,606 | 617,600 | 320,204 |
| | **Total by Primary Sponsor** | | | | | | | | **128,606** | **617,600** | **320,204** |
| 105631 Emerald Foundation, Inc. | 105631 Emerald Foundation, Inc. | 6941112 | C | P402000 | AGREEMENT DATED 7/1/19 | Vander Heiden /Matthew G. | 07/01/19 | 06/30/22 | 0 | 150,000 | (0) |
| | | 6943407 | C | P402000 | AGREEMENT DATED 7/1/19 | Vander Heiden /Matthew G. | 07/01/20 | 06/30/21 | 826 | 148,827 | 0 |
| | | 6945476 | C | P402000 | AGREEMENT DATED 7/1/19 | Vander Heiden /Matthew G. | 07/01/21 | 06/30/22 | 150,676 | 151,173 | 497 |
| | | 6946800 | C | P402000 | AGREEMENT DATED 1/1/2022 | Hammond /Paula T | 01/01/22 | 12/31/22 | 78,362 | 150,000 | 71,638 |
| | | 6947822 | C | P402000 | AGREEMENT DATED 7/1/22 | Mahat /Dig B | 07/01/22 | 06/30/23 | 0 | 75,000 | 75,000 |
| | **Total by Primary Sponsor** | | | | | | | | **229,865** | **675,000** | **147,134** |
| 105686 MedNeon | 105686 MedNeon | 6940369 | C | P067952 | AGMT.DTD.03/01/2019 | Barzilay /Regina | 03/01/19 | 07/15/19 | 25,713 | 25,713 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **25,713** | **25,713** | **0** |
| 105687 Max Planck Florida Institute for Neuroscience (MPFI) | 105687 Max Planck Florida Institute for Neuroscience (MPFI) | 6941990 | C | P154500 | 105687 | Halassa /Michael | 01/01/19 | 12/31/22 | 84,572 | 280,000 | 29,706 |
| | **Total by Primary Sponsor** | | | | | | | | **84,572** | **280,000** | **29,706** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 105707 Sekisui House, Ltd. | 105707 Sekisui House, Ltd. | 6941102 | C | P061901 | AGREEMENT DATED JUNE 19, 2019 | Edelman /Elazer R | 07/01/19 | 06/30/24 | 7,200 | 2,222,690 | 2,051,456 |
| | | 6942219 | C | P061901 | AGREEMENT DATED JUNE 19, 2019 | Anthony /Brian | 07/01/19 | 06/30/24 | 526,470 | 2,741,310 | 1,091,218 |
| | | 6942220 | C | P061901 | AGREEMENT DATED JUNE 19, 2019 | Edelman /Elazer R | 07/01/19 | 06/30/24 | 99,251 | 1,036,000 | 874,334 |
| | **Total by Primary Sponsor** | | | | | | | | **632,921** | **6,000,000** | **4,017,008** |
| 105712 Italian Ministry of Economic Development | 105176 LUM Enterprise | 6940212 | C | P069400 | AGMT. DTD. 03/01/2019 | Pentland /Alex Paul | 03/01/19 | 08/31/20 | 0 | 150,000 | (150,000) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,000** | **(150,000)** |
| 105717 QinetiQ Ltd. | 105717 QinetiQ Ltd. | 6943691 | C | P401823 | AGMT. DTD. 07/01/2020 | Murray /Fiona E | 07/01/20 | 12/31/20 | 0 | 40,325 | (5,255) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **40,325** | **(5,255)** |
| 105721 Sumitomo Dainippon Pharma Co., Ltd. | 105721 Sumitomo Dainippon Pharma Co., Ltd. | 6941888 | C | P152000 | AGMT. DTD. 10/17/19 | Pentelute /Bradley L. | 10/17/19 | 10/31/23 | 82,770 | 413,752 | 103,955 |
| | **Total by Primary Sponsor** | | | | | | | | **82,770** | **413,752** | **103,955** |
| 105752 International Energy Agency | 010713 Comillas Pontifical University | 6947119 | C | P320000 | | Perez-Arriaga /Jose Ignacio | 09/15/21 | 09/20/22 | 41,300 | 74,000 | 32,700 |
| | 105752 International Energy Agency | 6943089 | C | P320000 | AGREEMENT EFFECTIVE 3-27-2020 | Armstrong /Robert C | 09/01/19 | 12/31/22 | 332,341 | 900,629 | 44,989 |
| | | 6943188 | C | P320000 | AGREEMENT EFFECTIVE 3-27-2020 | Paltsev /Sergey | 09/01/19 | 12/31/22 | 100,158 | 469,171 | 13,982 |
| | **Total by Primary Sponsor** | | | | | | | | **473,799** | **1,443,800** | **91,671** |
| 105806 ALS Finding A Cure | 105806 ALS Finding A Cure | 6938930 | C | P069201 | LETTER DTD APRIL/2018 | Fraenkel /Ernest | 04/01/18 | 09/30/19 | (2,846) | 45,110 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(2,846)** | **45,110** | **0** |
| 105826 ENN Digital Energy Technology Co. Ltd. | 105826 ENN Digital Energy Technology Co. Ltd. | 6941062 | C | P320000 | AGRMNT EFFECTIVE 11/1/16 | Perez-Arriaga /Jose Ignacio | 03/15/19 | 09/30/20 | 0 | 245,186 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **245,186** | **(0)** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 105846 Breast Cancer Research Foundation | 006570 Massachusetts General Hospital | 6944478 | C | P067952 | 234760 | Barzilay /Regina | 06/15/20 | 06/30/21 | (27,111) | 144,000 | 0 |
| | | 6945835 | C | P067952 | 234760 | Barzilay /Regina | 04/01/21 | 06/14/22 | 73,398 | 72,000 | (1,398) |
| | **Total by Primary Sponsor** | | | | | | | | **46,288** | **216,000** | **(1,398)** |
| 105966 The Southern Poverty Law Center | 105966 The Southern Poverty Law Center | 6941234 | C | P093800 | | Reich /Blair Justin F | 06/01/19 | 05/31/22 | 54,871 | 300,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **54,871** | **300,000** | **(0)** |
| 105989 Celulosa Arauco y Constitucion S.A. | 105989 Celulosa Arauc y Constitucion S.A. | 6941047 | C | P065004 | WORK PLAN 1 | Hunter /Ian | 07/01/19 | 08/31/21 | (12,095) | 975,000 | 908 |
| | | 6941061 | C | P063007 | BUEHLER PROJECT | Buehler /Markus J | 09/01/19 | 08/31/22 | 68,312 | 348,781 | 3,309 |
| | **Total by Primary Sponsor** | | | | | | | | **56,218** | **1,323,781** | **4,218** |
| 106010 Lubrizol | 106010 Lubrizol | 6941776 | C | P068000 | LZ P1957015 | Buongiorno /Jacopo | 06/01/19 | 12/31/22 | 151,135 | 563,000 | 81,164 |
| | | 6943205 | C | P065005 | PO 4300239197 | McKinley /Gareth H | 06/01/20 | 02/28/23 | 40,685 | 134,835 | 61,704 |
| | | 6943325 | C | P068000 | LZ P1957015 | Buongiorno /Jacopo | 05/27/20 | 12/31/22 | 6,615 | 35,000 | (9,912) |
| | **Total by Primary Sponsor** | | | | | | | | **198,434** | **732,835** | **132,957** |
| 106075 Global Blood Therapeutic | 106075 Global Blood Therapeutics | 6942054 | C | P066000 | RES AGMT EFF. 11/5/2019 | Dao /Ming | 11/05/19 | 01/01/23 | 3,682 | 74,200 | 35,916 |
| | | 6942239 | C | P066000 | RES AGMT EFF. 11/5/2019 | Dao /Ming | 11/05/19 | 01/01/23 | 18,556 | 42,820 | 13,002 |
| | **Total by Primary Sponsor** | | | | | | | | **22,238** | **117,020** | **48,918** |
| 106076 Abdul Latif Jameel Clinic for Machine Learning in Health (J-Cli | 106076 Abdul Latif Jameel Clinic for Machine Learning in Health (J-Cli | 6941120 | C | P060051 | 106076 | Barzilay /Regina | 05/01/19 | 05/31/23 | 0 | 20,812 | 20,812 |
| | | 6941336 | C | P066000 | 106076 | Gomez-Bombarelli /Rafael | 05/01/19 | 10/31/20 | 0 | 75,000 | 0 |
| | | 6941337 | C | P122020 | 106076 | Welsch /Roy E | 05/01/19 | 12/31/21 | 27,539 | 75,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6941338 | C | P060051 | 106076 | Lee /Hae-Seung | 05/01/19 | 04/30/21 | (1) | 75,000 | (0) |
| | | 6941341 | C | P418102 | 106076 | Davis /Joseph Harry | 05/01/19 | 10/31/20 | 0 | 150,000 | (0) |
| | | 6941342 | C | P267600 | 106076 | Eldar /Yonina C | 05/01/19 | 10/31/20 | 0 | 71,164 | (0) |
| | | 6941348 | C | P400600 | 106076 | Gabrieli /John D. E. | 05/01/19 | 10/31/20 | 0 | 75,000 | 0 |
| | | 6941349 | C | P154500 | 106076 | Sinha /Pawan | 05/01/19 | 12/31/20 | 0 | 100,000 | (0) |
| | | 6941350 | C | P400600 | 106076 | Pantazis /Dimitrios | 05/01/19 | 10/31/20 | 0 | 75,000 | (0) |
| | | 6941351 | C | P068700 | 106076 | Uhler /Caroline | 05/01/19 | 10/31/20 | 0 | 49,986 | (0) |
| | | 6941352 | C | P069201 | 106076 | Alm /Eric J | 05/01/19 | 04/30/21 | 0 | 133,112 | (0) |
| | | 6941353 | C | P068700 | 106076 | Veeramachaneni /Kalyan | 05/01/19 | 05/31/22 | 18,459 | 150,000 | 11,641 |
| | | 6941369 | C | P066000 | 106076 | Dao /Ming | 05/01/19 | 10/31/20 | 0 | 74,991 | 0 |
| | | 6941455 | C | P039000 | 106076 | Picard /Rosalind W. | 05/01/19 | 10/31/20 | 0 | 150,000 | (0) |
| | | 6941457 | C | P267500 | 106076 | Stultz /Collin M | 05/01/19 | 05/31/22 | 0 | 102,380 | 10,982 |
| | | 6941458 | C | P400600 | 106076 | Szolovits /Peter | 05/01/19 | 10/31/20 | 0 | 75,000 | 0 |
| | | 6941678 | C | P267500 | 106076 | Stultz /Collin M | 05/01/19 | 05/31/22 | 0 | 47,620 | 47,620 |
| | | 6941681 | C | P067952 | 106076 | Katabi /Dina | 05/01/19 | 04/30/22 | (2,684) | 300,000 | 164 |
| | | 6941686 | C | P067952 | 106076 | Sontag /David Alexander | 05/01/19 | 01/15/21 | 0 | 149,992 | (0) |
| | | 6941747 | C | P069201 | 106076 | Fraenkel /Ernest | 05/01/19 | 10/31/21 | 9,435 | 99,938 | 0 |
| | | 6941857 | C | P067952 | 106076 | Jaakkola /Tommi S | 05/01/19 | 10/31/21 | 25,204 | 150,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6944278 | C | P067952 | 106076 | Vaikuntanathan /Vinod | 05/01/19 | 02/28/22 | 116,882 | 139,994 | (0) |
| | | 6945647 | C | P060051 | 106076 | Sontag /David Alexander | 06/01/21 | 01/31/23 | 21,549 | 75,000 | 53,451 |
| | | 6945648 | C | P060051 | 106076 | Szolovits /Peter | 06/01/21 | 05/31/22 | 49,091 | 50,000 | 909 |
| | | 6945649 | C | P060051 | 106076 | Farias /Vivek F. | 06/01/21 | 12/31/22 | 19,061 | 50,000 | 30,939 |
| | | 6945650 | C | P060051 | 106076 | Pantazis /Dimitrios | 06/01/21 | 05/31/23 | 19,876 | 50,000 | 30,124 |
| | | 6945651 | C | P060051 | 106076 | Golland /Polina | 06/01/21 | 05/31/22 | 98,806 | 100,000 | 1,194 |
| | | 6945652 | C | P060051 | 106076 | Voldman /Joel | 06/01/21 | 12/31/22 | 67,611 | 75,000 | 7,389 |
| | | 6945653 | C | P060051 | 106076 | Coley /Connor Wilson | 06/01/21 | 05/31/22 | 50,012 | 50,012 | (0) |
| | | 6945654 | C | P060051 | 106076 | Davis /Joseph Harry | 06/01/21 | 12/31/22 | 86,136 | 100,000 | 13,864 |
| | | 6945655 | C | P060051 | 106076 | Veeramachaneni /Kalyan | 06/01/21 | 12/31/22 | 41,256 | 50,000 | 8,744 |
| | | 6945656 | C | P060051 | 106076 | Adib /Fadel | 06/01/21 | 05/31/22 | 108,096 | 100,000 | (8,096) |
| | | 6945657 | C | P060051 | 106076 | Picard /Rosalind W. | 06/01/21 | 05/31/22 | 75,183 | 75,000 | (183) |
| | | 6945658 | C | P060051 | 106076 | Uhler /Caroline | 06/01/21 | 05/31/23 | 23,440 | 100,000 | 76,560 |
| | | 6945659 | C | P060051 | 106076 | Weissman /Jonathan | 06/01/21 | 05/31/22 | 44,311 | 50,000 | 5,689 |
| | | 6945660 | C | P060051 | 106076 | You /Sixian | 06/01/21 | 05/31/22 | 18,797 | 18,790 | (7) |
| | | 6945661 | C | P060051 | 106076 | Perakis /Georgia | 06/01/21 | 05/31/23 | 44,051 | 75,000 | 30,949 |
| | | 6945662 | C | P060051 | 106076 | Ghassemi /Marzyeh | 06/01/21 | 05/31/22 | 99,993 | 100,000 | 7 |
| | | 6945663 | C | P060051 | 106076 | Edelman /Elazer R | 06/01/21 | 12/31/22 | 33,116 | 50,000 | 16,884 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945664 | C | P060051 | 106076 | Katabi /Dina | 06/01/21 | 05/31/22 | 261,088 | 250,000 | (11,088) |
| | | 6945665 | C | P060051 | 106076 | Davis /Randall | 06/01/21 | 12/31/22 | 36,958 | 75,000 | 38,042 |
| | | 6945666 | C | P060051 | 106076 | Medard /Muriel | 06/01/21 | 05/31/22 | 47,448 | 50,000 | 2,552 |
| | | 6945823 | C | P060051 | 106076 | You /Sixian | 07/01/21 | 05/31/22 | 31,210 | 31,210 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,471,921** | **3,915,000** | **389,143** |
| 106077 Tris Pharma, Inc. | 006570 Massachusetts General Hospital | 6941951 | C | P069500 | AGMT DTD 8/23/19 | Coughlin /Joseph F | 07/01/19 | 10/31/21 | 15,159 | 296,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **15,159** | **296,000** | **(0)** |
| 106108 DIC Corporation | 106108 DIC Corporatior | 6942363 | C | P062000 | RESEARCH AGREEMENT EFFECTIVE 12-27-19 | Olsen /Bradley D. | 01/01/20 | 12/31/22 | 151,828 | 567,033 | 205,974 |
| | | 6942530 | C | P062000 | RESEARCH AGREEMENT EFFECTIVE 12-27-19 | Prather /Kristala L | 01/01/20 | 12/31/22 | 140,893 | 567,033 | 220,910 |
| | | 6942531 | C | P063000 | RESEARCH AGREEMENT EFFECTIVE 12-27-19 | Plata /Desiree Louise | 01/01/20 | 12/31/22 | 203,141 | 507,222 | 188,017 |
| | | 6946806 | C | P063000 | RESEARCH AGREEMENT EFFECTIV | Plata /Desiree Louise | 12/01/21 | 09/30/22 | 5,000 | 8,140 | 3,140 |
| | **Total by Primary Sponsor** | | | | | | | | **500,861** | **1,649,428** | **618,041** |
| 106133 Ohio Department of Higher Education | 006953 Ohio State University | 6942010 | C | P039000 | SUBAWARD 60071837/PO RF015850: | Breazeal /Cynthia Lynn | 03/01/19 | 06/30/22 | 101,000 | 166,145 | 3,132 |
| | **Total by Primary Sponsor** | | | | | | | | **101,000** | **166,145** | **3,132** |
| 106147 Skinny Labs Inc., DBA Spin | 106147 Skinny Labs Inc DBA Spin | 6941323 | C | P417500 | | Kirchain /Randolph E | 07/01/19 | 08/31/21 | 17,246 | 69,535 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **17,246** | **69,535** | **(0)** |
| 106187 Mitsubishi Electric Automation, Inc. (MEAU) | 106187 Mitsubishi Electric Automation, Inc. (MEAU) | 6941606 | C | P061096 | AGMT. DTD. 09/01/2019 | Shah /Julie A | 09/01/19 | 01/31/24 | 103,809 | 538,857 | 185,486 |
| | **Total by Primary Sponsor** | | | | | | | | **103,809** | **538,857** | **185,486** |
| 106248 Olympus Corporation of the Americas | 006570 Massachusetts General Hospital | 6945746 | C | P067952 | CW199537, FUND NUMBER 233768 | Rus /Daniela L | 12/11/18 | 06/10/22 | 31,303 | 72,138 | 40,835 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **31,303** | **72,138** | **40,835** |
| 106292 ChromaTan Corporation | 106292 ChromaTan Corporation | 6942355 | C | P069400 | 1 | Braatz /Richard D | 10/01/19 | 10/31/22 | 87,990 | 224,000 | 40,962 |
| | **Total by Primary Sponsor** | | | | | | | | **87,990** | **224,000** | **40,962** |
| 106294 Ministry of Foreign Affairs and International Cooperation | 003222 Instituto Nazionale di Fisica Nucleare | 6942281 | C | P158000 | AGMT DTD 11/01/2019 | Williams /Michael | 12/01/19 | 12/31/21 | 4,383 | 21,822 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **4,383** | **21,822** | **0** |
| 106309 Center for Global Development | 106309 Center for Global Development | 6942144 | C | P091020 | AGMT DTD 9/30/19 | Banerjee /Abhijit | 09/02/19 | 02/28/22 | 7,340 | 220,872 | 584 |
| | **Total by Primary Sponsor** | | | | | | | | **7,340** | **220,872** | **584** |
| 106315 Mohammed VI Polytechnic University (UM6P) | 106315 Mohammed VI Polytechnic University (UM6P) | 6945048 | C | P063007 | AGRMT DATED 03/01/2021 | Entekhabi /Dara | 03/01/21 | 03/31/25 | 117,480 | 269,522 | 132,981 |
| | **Total by Primary Sponsor** | | | | | | | | **117,480** | **269,522** | **132,981** |
| 106333 Marsoft Incorporated | 106333 Marsoft Incorporated | 6941414 | C | P266301 | AGREEMENT DATED 8/15/19 | Chryssostomidis /Chryssostomo | 07/15/19 | 08/31/21 | 2,178 | 249,993 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,178** | **249,993** | **0** |
| 106368 Rubius Therapeutics | 106368 Rubius Therapeutics | 6942739 | C | P152000 | PO RT1006791 | Pentelute /Bradley L. | 03/01/20 | 05/20/22 | 70,800 | 191,240 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **70,800** | **191,240** | **0** |
| 106373 Global Environment Facility (GEF) | 107550 Development Bank to Latin America (Colombia) | 6946790 | C | P402400 | AGREEMENT DATED 12/8/2021 | Fernandez /John | 12/08/21 | 06/07/23 | 110,506 | 450 | (110,056) |
| | **Total by Primary Sponsor** | | | | | | | | **110,506** | **450** | **(110,056)** |
| 106387 Ministry of Research, Technology, and Higher Education | 106387 Ministry of Research, Technology, and Higher Education | 6942793 | C | P267110 | | Han /Jongyoon | 01/01/20 | 12/31/20 | 0 | 20,006 | 0 |
| | | 6942810 | C | P153000 | AWD EFFECTIVE 1/1/20 | Nakata /Norimitsu | 01/01/20 | 12/31/20 | 0 | 19,991 | (0) |
| | | 6942815 | C | P068100 | | Trancik /Jessika | 01/01/20 | 12/31/20 | 0 | 20,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6942819 | C | P267200 | | Shao-Horn /Yang | 01/01/20 | 12/31/20 | 0 | 20,249 | 0 |
| | | 6942864 | C | P091020 | | Olken /Benjamin | 01/01/20 | 03/31/21 | 0 | 99,659 | 0 |
| | | 6942892 | C | P152000 | | Cummins /Christopher C | 01/01/20 | 03/31/21 | 0 | 100,000 | 0 |
| | | 6942893 | C | P068000 | | Yildiz /Bilge | 01/01/20 | 12/31/20 | 0 | 20,000 | (0) |
| | | 6942907 | C | P035000 | | Ratti /Carlo | 01/01/20 | 03/31/21 | 0 | 17,098 | 0 |
| | | 6942908 | C | P035000 | | Zheng /Siqi | 01/01/20 | 12/31/20 | 0 | 20,000 | (0) |
| | | 6942909 | C | P063007 | | Buyukozturk /Oral | 01/01/20 | 12/31/20 | 0 | 20,000 | 0 |
| | | 6942983 | C | P267500 | | Leeb /Steven B | 01/01/20 | 12/31/20 | 0 | 19,865 | (0) |
| | | 6943014 | C | P069201 | | Alm /Eric J | 01/01/20 | 03/31/21 | 4,004 | 85,847 | 0 |
| | | 6943015 | C | P039000 | | Wood /Danielle Renee | 01/01/20 | 02/28/21 | 0 | 20,000 | 0 |
| | | 6943016 | C | P267111 | TBD | Daniel /Luca | 01/01/20 | 02/28/21 | 0 | 19,823 | 0 |
| | | 6943017 | C | P151031 | TBD | Sinskey /Anthony J | 01/01/20 | 02/28/21 | 0 | 20,000 | 0 |
| | | 6943063 | C | P065005 | TBD | Wierzbicki /Tomasz | 01/01/20 | 12/31/20 | 0 | 20,000 | 0 |
| | | 6943082 | C | P153000 | TBD | Jagoutz /Oliver E | 01/01/20 | 12/31/20 | 0 | 19,807 | 0 |
| | | 6943097 | C | P067952 | TBD | Mueller /Stefanie | 01/01/20 | 12/31/20 | 0 | 20,000 | 0 |
| | | 6943106 | C | P267500 | | Kirtley /James L | 01/01/20 | 12/31/20 | 0 | 19,098 | 0 |
| | | 6943132 | C | P151040 | | Weng /Jing-Ke | 01/01/20 | 02/28/21 | 0 | 20,000 | 0 |
| | | 6943202 | C | P062000 | | Sikes Johnson /Hadley | 01/01/20 | 12/31/20 | 2,869 | 19,812 | (83) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6943306 | C | P065004 | | Anthony /Brian | 01/01/20 | 12/31/20 | 0 | 20,000 | (0) |
| | | 6943997 | C | P153000 | | Fehler /Michael C | 04/01/20 | 03/31/21 | 0 | 22,556 | (0) |
| | | 6944034 | C | P165000 | | Essigmann /John M | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944035 | C | P066000 | | Lebeau /James M | 04/01/20 | 03/31/21 | 0 | 25,000 | 0 |
| | | 6944036 | C | P152000 | | Cao /Jianshu | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944073 | C | P091000 | | Balboni /Clare A | 04/01/20 | 03/31/21 | 0 | 11,296 | 0 |
| | | 6944074 | C | P031000 | | Mazereeuw /Miho | 04/01/20 | 03/31/21 | 0 | 25,000 | 0 |
| | | 6944076 | C | P066000 | | Allanore /Antoine | 04/01/20 | 03/31/21 | (25) | 25,000 | (0) |
| | | 6944092 | C | P063007 | | Whittle /Andrew | 04/01/20 | 03/31/21 | 0 | 25,000 | 0 |
| | | 6944096 | C | P065005 | | Yang /Maria | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944117 | C | P035000 | | Sevtsuk /Andres | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944120 | C | P035000 | | Sanyal /Bishwapriya | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944127 | C | P065004 | | Hart /Douglas | 04/01/20 | 03/31/21 | 0 | 25,000 | 0 |
| | | 6944128 | C | P062000 | | Smith /Zachary P | 04/01/20 | 03/31/21 | 0 | 25,000 | (0) |
| | | 6944141 | C | P068700 | | Wu /Cathy | 04/01/20 | 03/31/21 | 0 | 24,807 | 0 |
| | | 6944241 | C | P121012 | | Golrezaei /Negin | 04/01/20 | 03/31/21 | 0 | 20,189 | 0 |
| | | 6944435 | C | P069201 | | Blainey /Paul C | 04/01/20 | 03/31/21 | 0 | 0 | 0 |
| | | 6944461 | C | P153000 | | van der Hilst /Robert D | 04/01/20 | 03/31/21 | 0 | 25,000 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **6,848** | **1,040,104** | **(83)** |
| 106530 Equinor Energy AS | 106530 Equinor Energy AS | 6945488 | C | P153000 | 4590267775 | Fournier /Aime | 06/01/21 | 02/01/22 | 91,730 | 109,619 | 444 |
| | | 6947807 | C | P153000 | 4504126605 | Fournier /Aime | 06/20/22 | 05/24/23 | 8,153 | 737,305 | 729,152 |
| | **Total by Primary Sponsor** | | | | | | | | **99,882** | **846,924** | **729,597** |
| 106536 Washington Metropolitan Area Transit Authority | 106536 Washington Metropolitan Area Transit Authority | 6945851 | C | P035000 | CONTRACT CQ20005/PO WMATA-0000158379 | Zhao /Jinhua | 07/01/21 | 06/30/24 | 278,775 | 1,603,194 | 1,324,419 |
| | **Total by Primary Sponsor** | | | | | | | | **278,775** | **1,603,194** | **1,324,419** |
| 106553 The Research Council of Norway | 103082 UNIVERSITETET I TROMSO | 6944933 | C | P065005 | PROJECT NO. 309802 | So /Peter T. C. | 01/12/20 | 11/30/23 | 0 | 18,608 | 18,608 |
| | | 6945411 | C | P065005 | PROJECT NO. 309802 | So /Peter T. C. | 01/12/20 | 12/01/21 | 0 | 27,911 | 27,911 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **46,519** | **46,519** |
| 106555 Fukushima SiC Applied Engineering Inc. | 106555 Fukushima SiC Applied Engineering Inc | 6942143 | C | P152000 | AGMT. DTD. 11/1/19 | Pentelute /Bradley L. | 11/01/19 | 04/30/22 | 91,982 | 363,220 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **91,982** | **363,220** | **(0)** |
| 106558 Sterlite Technologies Limited | 106558 Sterlite Technologies Limited | 6942426 | C | P065004 | AGMT DTD 1/1/20 | Anthony /Brian | 01/01/20 | 02/28/23 | 133,286 | 690,727 | 308,957 |
| | | 6947681 | C | P065004 | | Anthony /Brian | 04/01/22 | 03/31/27 | 0 | 1,703,425 | 1,703,425 |
| | **Total by Primary Sponsor** | | | | | | | | **133,286** | **2,394,153** | **2,012,383** |
| 106578 Sunway University | 106578 Sunway University | 6944365 | C | P065004 | | Gallant /Betar Maurkah | 10/01/20 | 09/30/23 | 221,883 | 459,752 | 168,760 |
| | **Total by Primary Sponsor** | | | | | | | | **221,883** | **459,752** | **168,760** |
| 106675 Fujikura Ltd, Japan | 106675 Fujikura Ltd, Japan | 6944398 | C | P065004 | AGREEMENT DATED 11/06/2020 | Fang /Xuanlai | 09/01/20 | 08/31/22 | 141,689 | 452,233 | 280,958 |
| | | 6946797 | C | P066000 | AGRMT EFFECTIVE 12/1/2021 | Ross /Caroline A | 12/01/21 | 11/30/22 | 95,575 | 250,000 | 154,425 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **237,264** | **702,233** | **435,383** |
| 106680 CEMOI | 106680 CEMOI | 6943013 | C | P091020 | AGMT. DTD. 3/12/20/TRECC 2015-1184-338 | Banerjee /Abhijit | 11/01/19 | 06/30/22 | 0 | 487,923 | (187,739) |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **487,923** | **(187,739)** |
| 106684 Fujikura | 106684 Fujikura | 6944271 | C | P065005 | AGMT DTD 10/2020 | So /Peter T. C. | 10/15/20 | 10/14/22 | 112,829 | 400,000 | 205,119 |
| | | 6944345 | C | P400600 | AGMT DTD 10/2020 | Boyden /Edward | 10/15/20 | 10/14/22 | 148,230 | 400,000 | 196,188 |
| | | 6944426 | C | P065005 | AGMT DTD 10/2020 | So /Peter T. C. | 11/01/20 | 10/14/22 | 178,793 | 425,000 | 21,736 |
| | **Total by Primary Sponsor** | | | | | | | | **439,851** | **1,225,000** | **423,043** |
| 106696 Labsphere Inc. | 106696 Labsphere, Inc. | 6942806 | C | P061093 | AGMT DTD 3/4/20 | de Weck /Olivier L | 03/01/20 | 08/31/21 | 9,884 | 80,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **9,884** | **80,000** | **(0)** |
| 106715 Shenzhen Urban Transport Planning Center | 106715 Shenzhen Urba Transport Planning | 6943926 | C | P063007 | AGREEMENT DATED 09/01/2020 | Ben-Akiva /Moshe E | 09/01/20 | 01/15/23 | 71,746 | 150,000 | 38,054 |
| | **Total by Primary Sponsor** | | | | | | | | **71,746** | **150,000** | **38,054** |
| 106797 MSCI Inc. | 106797 MSCI Inc. | 6942278 | C | P122150 | 106797 | Lo /Andrew W | 02/20/20 | 01/31/23 | 40,457 | 300,000 | 55,926 |
| | **Total by Primary Sponsor** | | | | | | | | **40,457** | **300,000** | **55,926** |
| 106800 NTT Research | 106800 NTT Research | 6943611 | C | P159900 | AGMT DTD 9/24/20 | Chuang /Isaac | 07/01/20 | 06/30/25 | 1,228,261 | 2,600,000 | 1,243,673 |
| | **Total by Primary Sponsor** | | | | | | | | **1,228,261** | **2,600,000** | **1,243,673** |
| 106840 Institute of Complex Systems | 106840 Institute of Complex Systems | 6944863 | C | P159900 | AGMT SIGNED 2/08/2021 | Coppi /Bruno | 02/08/21 | 01/27/23 | 6,052 | 54,163 | 48,110 |
| | **Total by Primary Sponsor** | | | | | | | | **6,052** | **54,163** | **48,110** |
| 106845 Schmidt Futures Initiative | 006829 New York University | 6944850 | C | P153000 | RA889-03 PO# IB00464959 | O'Gorman /Paul | 12/18/20 | 07/31/22 | 115,195 | 184,293 | 9,316 |
| | **Total by Primary Sponsor** | | | | | | | | **115,195** | **184,293** | **9,316** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 106855 Umicore | 106855 Umicore | 6943198 | C | P065004 | 3300468506/CB2/OLN2 | Kim /Jeehwan | 09/01/20 | 08/31/22 | 225,756 | 400,000 | (19,134) |
| | | 6943299 | C | P065004 | 3300468507/CB2/OLN2 | Kim /Jeehwan | 09/01/20 | 05/31/21 | (19,132) | 50,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **206,624** | **450,000** | **(19,134)** |
| 106957 Blue Cross Blue Shield of South Carolina Foundation | 006977 Harvard School of Public Health | 6944460 | C | P091021 | 211576-5116056 | Bates /Mary Ann | 04/01/20 | 02/28/22 | 10,880 | 161,589 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **10,880** | **161,589** | **(0)** |
| 106958 INPEX CORPORATION | 106958 INPEX CORPORATION | 6946393 | C | P153000 | AGRMT EFFECTIVE 10/08/2021 | Nakata /Norimitsu | 11/01/21 | 10/31/22 | 71,359 | 89,973 | 18,614 |
| | **Total by Primary Sponsor** | | | | | | | | **71,359** | **89,973** | **18,614** |
| 106963 The Salah Foundation | 106963 The Salah Foundation | 6942595 | C | P039070 | AGREEMENT DATED 12/14/2019 | Herr /Hugh M | 01/01/20 | 06/30/21 | 47,038 | 800,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **47,038** | **800,000** | **(0)** |
| 106966 Good Ventures Foundation | 102237 Wyss Institute | 6947423 | C | P061901 | 289565 | Collins /James J. | 01/01/22 | 12/31/22 | 5,004 | 4,866 | (137) |
| | **Total by Primary Sponsor** | | | | | | | | **5,004** | **4,866** | **(137)** |
| 107019 X-Energy | 107019 X-Energy | 6943378 | C | P264000 | AGMT DTD. 05/26/2020 | Kohse /Gordon E | 05/01/20 | 08/31/22 | 334,556 | 450,000 | 66,167 |
| | **Total by Primary Sponsor** | | | | | | | | **334,556** | **450,000** | **66,167** |
| 107027 General Motors Corporation | 107027 General Motors Corporation | 6945049 | C | P121012 | GAC 3634 | Perakis /Georgia | 06/01/21 | 05/31/24 | 90,525 | 387,833 | 292,013 |
| | **Total by Primary Sponsor** | | | | | | | | **90,525** | **387,833** | **292,013** |
| 107080 Plasma Energy Innovation LLC | 107080 Plasma Energy Innovation, LLC | 6942749 | C | P065004 | AGREEMENT FE 03/04/2020 | Heywood /John B | 03/30/20 | 12/31/20 | 3,443 | 66,309 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **3,443** | **66,309** | **0** |
| 107099 Japan Oil, Gas and Metals National Corporation | 107099 Japan Oil, Gas and Metals National Corporation | 6944514 | C | P153000 | AGRMT EFFECTIVE 12/1/2020 | Nakata /Norimitsu | 12/01/20 | 03/31/22 | 504,807 | 530,085 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| Corporation | **Total by Primary Sponsor** | | | | | | | | **504,807** | **530,085** | **(0)** |
| 107101 Shandong Institute of Advanced Technology | 107101 Shandong Institute of Advanced Technology | 6943204 | C | P159900 | TBD | Ting /Samuel | 05/01/20 | 04/30/23 | 47,280 | 500,000 | 452,720 |
| | **Total by Primary Sponsor** | | | | | | | | **47,280** | **500,000** | **452,720** |
| 107116 Mitsubishi Tanabe Pharma Holdings America | 107116 Mitsubishi Tanabe Pharma Holdings America | 6942919 | C | P067952 | | Kellis /Manolis | 04/01/20 | 01/31/22 | (1,208) | 349,538 | 0 |
| | | 6945080 | C | P067952 | AGMT DTD 3/29/21 | Kellis /Manolis | 04/01/21 | 09/30/22 | 479,528 | 575,000 | (35,340) |
| | **Total by Primary Sponsor** | | | | | | | | **478,320** | **924,538** | **(35,340)** |
| 107147 SPARK Therapeutics, Inc. | 107147 SPARK Therapeutics, Inc. | 6943087 | C | P165000 | AGMT DTD 3/11/2020 | Bathe /Mark | 03/11/20 | 09/26/21 | 2,476 | 10,570 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **2,476** | **10,570** | **0** |
| 107155 Taiheiyo Cement Corporation | 107155 Taiheiyo Cemer Corporation | 6943815 | C | P062000 | RESEARCH AGREEMENT EFFECTIVE AS OF | Hatton /Trevor Alan | 10/01/20 | 01/31/23 | 219,598 | 500,000 | 131,931 |
| | **Total by Primary Sponsor** | | | | | | | | **219,598** | **500,000** | **131,931** |
| 107216 Daedalus Software, Inc. | 107216 Daedalus Software, Inc. | 6943865 | C | P063007 | RESEARCH AGMT EFFECTIVE 08/17/2020 | Plata /Desiree Louise | 09/01/20 | 08/31/22 | 108,619 | 250,329 | 29,856 |
| | **Total by Primary Sponsor** | | | | | | | | **108,619** | **250,329** | **29,856** |
| 107359 Gerstner Philanthropies | 107359 Gerstner Philanthropies | 6946770 | C | P063007 | AGMT DTD 12/16/21 | Plata /Desiree Louise | 01/01/22 | 01/29/24 | 46,875 | 283,861 | 236,986 |
| | **Total by Primary Sponsor** | | | | | | | | **46,875** | **283,861** | **236,986** |
| 107361 pSemi Corporation | 005615 Dartmouth Colle | 6943413 | C | P267110 | R1379/FP00006836 | Perreault /David J | 06/24/20 | 09/30/22 | 99,540 | 299,939 | 136,809 |
| | **Total by Primary Sponsor** | | | | | | | | **99,540** | **299,939** | **136,809** |
| 107396 C3.ai Digital Transformation Institute | 007545 University of Illinois-Urbana Champaign | 6946002 | C | P068700 | 099261-18535 | Modiano /Eytan H | 07/01/21 | 06/30/23 | 47,742 | 156,896 | 109,154 |
| | | 6946078 | C | P068700 | AGRMT EFFECTIVE 06/10/2021 | Modiano /Eytan H | 07/01/21 | 06/30/23 | 0 | 93,104 | 93,104 |
| | | 6946639 | C | P063007 | AGMT EFFECTIVE 07/01/21 | Amin /Saurabh | 07/01/21 | 06/30/23 | 3,462 | 100,000 | 96,538 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6947623 | C | P063007 | AGRMT EFFECTIVE 06/01/2022 | Amin /Saurabh | 05/01/22 | 06/30/23 | 0 | 103,090 | 103,090 |
| | 007676 University of California - Berkeley | 6944651 | C | P121012 | SUB# 10429 PO# BB01462111 | Bertsimas /Dimitris J | 07/01/20 | 06/30/22 | 106,817 | 200,000 | (63) |
| | | 6944657 | C | P068700 | SUB# 10425 PO# BB01462108 | Amin /Saurabh | 07/01/20 | 05/31/23 | 113,306 | 185,000 | 22,915 |
| | | 6946674 | C | P065005 | 10883 | Lermusiaux /Pierre | 07/01/21 | 06/30/22 | 5,901 | 90,000 | 84,099 |
| | 011311 University of Chicago Booth School o Business | 6946450 | C | P067952 | SUBCONTRACT NO. AWD102055 (SUB00000520) | Madry /Aleksander | 07/01/20 | 06/30/22 | 0 | 89,585 | 89,585 |
| | **Total by Primary Sponsor** | | | | | | | | **277,229** | **1,017,675** | **598,422** |
| 107404 SiliconExpert Technologies, Inc. | 107404 SiliconExpert Technologies, Inc. | 6946077 | C | P067952 | AGREEMENT DATED 09/02/2021 | Gupta /Amar | 08/09/21 | 03/31/23 | 84,192 | 50,000 | (34,192) |
| | **Total by Primary Sponsor** | | | | | | | | **84,192** | **50,000** | **(34,192)** |
| 107424 Smart Innovations, Pvt. Ltd. | 107424 Smart Innovations, Pvt. Ltd. | 6943661 | C | P065004 | AGREEMENT DATED JULY 9, 2020 | Fletcher /Richard R | 07/01/20 | 05/31/22 | 42,923 | 170,769 | 138 |
| | **Total by Primary Sponsor** | | | | | | | | **42,923** | **170,769** | **138** |
| 107426 China Evergrande Group | 006112 Harvard Medica School | 6943345 | C | P400600 | 280870.5116908.0030 | Zhang /Feng | 03/01/20 | 04/30/21 | 5,849 | 157,000 | 0 |
| | | 6943362 | C | P035000 | 280870.5116735.0007 | Zheng /Siqi | 03/01/20 | 10/31/21 | 39,838 | 171,065 | 0 |
| | | 6943449 | C | P402000 | 280870.5116737.0008 | Belcher /Angela M | 05/01/20 | 10/31/21 | (13,903) | 157,521 | 0 |
| | | 6943451 | C | P402000 | 280870.5116729.0010 | Chen /Jianzhu | 05/01/20 | 10/31/21 | 5,475 | 116,644 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **37,259** | **602,230** | **(0)** |
| 107430 Vecna Healthcare | 107430 Vecna Healthcare | 6946929 | C | P069501 | AGRMT EFFECTIVE 1/13/2022 | Coughlin /Joseph F | 01/01/22 | 12/31/22 | 0 | 180,000 | 180,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **180,000** | **180,000** |
| 107455 Bristol Myers SQUIBB | 005817 Dana Farber Cancer Institute | 6945354 | C | P402000 | DFCI AGREEMENT A16141 | Manalis /Scott R | 02/01/21 | 07/14/22 | 263,012 | 375,000 | 6,946 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **263,012** | **375,000** | **6,946** |
| 107459 Canadian Nuclear Laboratories (CNL) | 107459 Canadian Nuclear Laboratories (CNL) | 6943779 | C | P068000 | AGMT. DTD. 8/21/20 | Baglietto /Emilio | 04/01/20 | 03/31/23 | 10,622 | 191,700 | 127,536 |
| | **Total by Primary Sponsor** | | | | | | | | **10,622** | **191,700** | **127,536** |
| 107461 Fog Pharmaceuticals, Inc. | 107461 Fog Pharmaceuticals, Inc. | 6943558 | C | P152000 | AGRMNT DTD 06/30/2020 | Pentelute /Bradley L. | 07/01/20 | 06/30/23 | 1,115,675 | 1,673,458 | 29,197 |
| | **Total by Primary Sponsor** | | | | | | | | **1,115,675** | **1,673,458** | **29,197** |
| 107509 Tommy Energy Solutions Corporation | 107509 Tommy Energy Solutions Corporation | 6944054 | C | P267500 | AGMT DTD 9/1/20 | Kirtley /James L | 09/01/20 | 06/30/22 | 98,628 | 135,069 | (23,424) |
| | **Total by Primary Sponsor** | | | | | | | | **98,628** | **135,069** | **(23,424)** |
| 107609 Lineage Logistics | 107609 Lineage Logistics | 6943620 | C | P121012 | SRA DTD 08/01/2020 | Bertsimas /Dimitris J | 08/01/20 | 08/31/22 | 123,026 | 200,000 | (423) |
| | **Total by Primary Sponsor** | | | | | | | | **123,026** | **200,000** | **(423)** |
| 107611 HARDi Holdings Limited | 107611 HARDi Holdings Limited | 6943487 | C | P152000 | | So /Peter T. C. | 07/01/20 | 06/30/21 | (43) | 65,250 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(43)** | **65,250** | **0** |
| 107621 Federal Reserve Bank of Boston | 107621 Federal Reserv Bank of Boston | 6943868 | C | P039000 | AGREEMENT EFFECTIVE 7/15/2020 | Narula /Neha | 07/15/20 | 07/15/22 | 173,415 | 500,000 | 185,247 |
| | | 6946276 | C | P039000 | AGREEMENT EFFECTIVE 7/15/2020 | Narula /Neha | 03/01/21 | 07/15/22 | 288,612 | 300,000 | 11,388 |
| | **Total by Primary Sponsor** | | | | | | | | **462,027** | **800,000** | **196,635** |
| 107652 Rhode Island Department of Health | 005333 Brown Universit | 6944123 | C | P068700 | SUB #00001636 | Jaillet /Patrick | 05/19/20 | 06/30/22 | 0 | 27,464 | 0 |
| | | 6945937 | C | P068700 | SUB #00001636 | Jaillet /Patrick | 12/19/20 | 06/30/22 | 31,219 | 52,262 | 21,043 |
| | **Total by Primary Sponsor** | | | | | | | | **31,219** | **79,726** | **21,043** |
| 107675 Limitless Space Institute | 107675 Limitless Space Institute | 6944307 | C | P154000 | AGREEMENT DATED 10/29/2020 | Bush /John W. M. | 09/01/20 | 10/31/21 | 32,789 | 93,036 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **32,789** | **93,036** | **(0)** |
| 107678 Amazon Future Engineer | 108778 ProjectSTEM | 6946050 | C | P039000 | AGREEMENT DATED 8/1/2021 | Breazeal /Cynthia Lynn | 08/01/21 | 12/31/22 | 46,773 | 304,041 | 257,268 |
| | **Total by Primary Sponsor** | | | | | | | | **46,773** | **304,041** | **257,268** |
| 107690 HCMC Department of Planning and Architecture | 107690 HCMC Department of Planning and Architecture | 6944624 | C | P039000 | AGREEMENT EFFECTIVE 1/1/2021 | Larson /Kent | 01/01/21 | 01/31/22 | 807,867 | 900,000 | (299,050) |
| | **Total by Primary Sponsor** | | | | | | | | **807,867** | **900,000** | **(299,050)** |
| 107732 Nanite Bio | 107732 Nanite Bio | 6944505 | C | P062000 | AGRMT EFFECTIVE 11/18/2020 | Olsen /Bradley D. | 01/25/21 | 01/24/22 | 102,262 | 155,444 | (0) |
| | | 6944554 | C | P062000 | AGRMT EFFECTIVE 11/18/2020 | Coley /Connor Wilson | 01/25/21 | 01/24/22 | 43,224 | 46,460 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **145,486** | **201,903** | **(0)** |
| 107733 C3 ai,Inc. | 005423 Carnegie-Mellon University | 6945365 | C | P067952 | SUBCONTRACT NO. 1047295-437629 | Barzilay /Regina | 09/01/20 | 08/31/22 | 40,635 | 120,000 | 79,365 |
| | 007676 University of California - Berkeley | 6944656 | C | P068700 | SUB# 10428 PO# BB01462112 | Ozdaglar /Asuman E | 07/01/20 | 01/31/22 | 12,403 | 125,000 | (890) |
| | | 6944658 | C | P067952 | SUB# 10427 PO# BB01462110 | Gifford /David K | 07/01/20 | 12/31/22 | 25,278 | 194,686 | 68,014 |
| | | 6944707 | C | P068700 | RESEARCH AWARD AGREEMENT | Ozdaglar /Asuman E | 07/01/20 | 01/31/22 | 78,104 | 75,000 | (3,104) |
| | | 6944865 | C | P068700 | SUB# 10426 PO# BB01462109 | Dahleh /Munther A | 07/01/20 | 01/31/23 | 38,232 | 100,000 | 26,016 |
| | | 6944923 | C | P068700 | RESEARCH AWARD AGREEMENT | Dahleh /Munther A | 07/01/20 | 01/31/23 | 101,542 | 100,000 | (1,542) |
| | **Total by Primary Sponsor** | | | | | | | | **296,193** | **714,686** | **167,859** |
| 107751 Amazon Web Services, Inc | 107751 Amazon Web Services, Inc. | 6944744 | C | P267200 | PO# 3Y-04797793 | Oliver /William D | 12/01/20 | 11/30/23 | 0 | 0 | 0 |
| | | 6944854 | C | P267200 | PO# 3Y-04797793 | Oliver /William D | 12/01/20 | 11/30/23 | 485,147 | 913,427 | 414,460 |
| | | 6944855 | C | P267110 | PO# 3Y-04797793 | O'Brien /Kevin | 12/01/20 | 11/30/23 | 216,749 | 1,686,573 | 1,394,491 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6946769 | C | P267200 | PO# 3Y-04797793 | Oliver /William D | 12/01/20 | 11/30/23 | 123,332 | 400,000 | 276,668 |
| | **Total by Primary Sponsor** | | | | | | | | **825,229** | **3,000,000** | **2,085,618** |
| 107829 GoAigua Inc. - New York | 107829 GoAigua Inc. - New York | 6944537 | C | P402410 | AGMT. DTD. 10/21/2020 | Lienhard /John H | 10/21/20 | 08/13/23 | 18,432 | 20,000 | 1,568 |
| | | 6945644 | C | P402410 | AGMT. DTD. 10/21/2020 | Alm /Eric J | 07/01/21 | 07/31/23 | 73,706 | 82,587 | 8,881 |
| | | 6945834 | C | P402410 | AGMT. DTD. 10/21/2020 | Duarte de Araujo Silva /Fabio | 07/01/21 | 07/31/23 | 36,856 | 57,413 | 20,557 |
| | | 6946664 | C | P402410 | AGMT. DTD. 10/21/2020 | Duarte de Araujo Silva /Fabio | 07/01/21 | 07/23/23 | 0 | 10,000 | 10,000 |
| | **Total by Primary Sponsor** | | | | | | | | **128,994** | **170,000** | **41,006** |
| 107834 Jacobs Foundation | 106679 UBS Optimus Foundation | 6944652 | C | P091020 | GRANT ID: 48969 | Banerjee /Abhijit | 10/01/20 | 06/30/22 | 270,458 | 2,306,524 | 646,455 |
| | **Total by Primary Sponsor** | | | | | | | | **270,458** | **2,306,524** | **646,455** |
| 107851 Pure Lithium Corporation | 107851 Pure Lithium Corporation | 6945961 | C | P066000 | AGRMT EFFECTIVE 09/01/2021 | Macfarlane /Robert J | 09/01/21 | 08/31/22 | 110,509 | 150,000 | 39,491 |
| | **Total by Primary Sponsor** | | | | | | | | **110,509** | **150,000** | **39,491** |
| 107890 Vanguard Charitable | 107890 Vanguard Charitable | 6944353 | C | P402400 | AGREEMENT SIGNED 9/16/2020 | Plata /Desiree Louise | 01/01/21 | 12/31/21 | 41,594 | 50,000 | (0) |
| | 109516 The VMware University Research Fund | 6945607 | C | P067952 | AGREEMENT DATED MAY 6, 2021 | Belay /Adam M | 05/01/21 | 04/30/24 | 90,152 | 303,456 | 213,305 |
| | **Total by Primary Sponsor** | | | | | | | | **131,745** | **353,456** | **213,305** |
| 107930 Hanger, Inc. | 107930 Hanger, Inc. | 6944291 | C | P065005 | | Winter /Amos G | 09/01/20 | 08/31/22 | 167,813 | 206,120 | 18,335 |
| | | 6947297 | C | P065005 | | Winter /Amos G | 04/01/22 | 08/31/22 | 25,391 | 33,880 | 8,489 |
| | **Total by Primary Sponsor** | | | | | | | | **193,204** | **240,000** | **26,824** |
| 107931 B.Tech | 107931 B.Tech | 6944454 | C | P063007 | | Simchi-Levi /David | 10/01/20 | 06/30/22 | 20,140 | 130,290 | 299 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **20,140** | **130,290** | **299** |
| 107973 Kaymbu | 107973 Kaymbu | 6943894 | C | P121012 | 1 | Jacquillat /Alexandre | 09/01/20 | 05/31/21 | (196) | 37,465 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **(196)** | **37,465** | **0** |
| 107995 Yintai Investment Company LLC | 107995 Yintai Investmer Company LLC | 6944559 | C | P068000 | AGRMT EFFECTIVE: 12/7/2020 | Li /Ju | 12/01/20 | 12/01/23 | 293,705 | 321,576 | (33,924) |
| | **Total by Primary Sponsor** | | | | | | | | **293,705** | **321,576** | **(33,924)** |
| 108031 RAMSA Soluciones de Negocios en Bebidas | 108031 RAMSA Soluciones de Negocios en Bebidas | 6944051 | C | P069500 | AGREEMENT DATED 9/15/2020 | Sheffi /Yosef | 09/15/20 | 06/30/21 | 11,569 | 169,917 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **11,569** | **169,917** | **(0)** |
| 108115 The Toro Company | 108115 The Toro Company | 6944315 | C | P065005 | SRA DTD. 10/22/2020 | Winter /Amos G | 10/31/20 | 10/29/23 | 83,026 | 277,256 | 126,949 |
| | **Total by Primary Sponsor** | | | | | | | | **83,026** | **277,256** | **126,949** |
| 108151 Additional Ventures | 108151 Additional Ventures | 6944756 | C | P061901 | AGREEMENT DATED 1/15/21 | Roche /Ellen | 01/15/21 | 01/15/24 | 210,804 | 660,000 | 403,610 |
| | **Total by Primary Sponsor** | | | | | | | | **210,804** | **660,000** | **403,610** |
| 108192 The Society of Thoracic Surgeons | 108192 The Society of Thoracic Surgeons | 6946298 | C | P121012 | | Bertsimas /Dimitris J | 09/01/21 | 08/31/23 | 30,816 | 80,000 | 49,184 |
| | **Total by Primary Sponsor** | | | | | | | | **30,816** | **80,000** | **49,184** |
| 108212 GoodAI Solutions, s.r.o. | 108212 GoodAI Solutions, s.r.o. | 6945113 | C | P067952 | AGMT EFF 3/17/21 | Kaelbling /Leslie P | 03/15/21 | 03/14/22 | 45,124 | 75,000 | 27 |
| | **Total by Primary Sponsor** | | | | | | | | **45,124** | **75,000** | **27** |
| 108231 Aktis Oncology, Inc. | 108231 Aktis Oncology, Inc. | 6944799 | C | P152000 | AGREEMENT DATED 01/27/2021 | Pentelute /Bradley L. | 01/27/21 | 05/31/22 | 175,973 | 250,000 | (521) |
| | **Total by Primary Sponsor** | | | | | | | | **175,973** | **250,000** | **(521)** |
| 108232 Warren Alpert Foundation | 108232 Warren Alpert Foundation | 6947624 | C | P151078 | 43230 | Prescott /Sara L | 01/01/22 | 06/30/23 | 42,747 | 128,354 | 85,607 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **42,747** | **128,354** | **85,607** |
| 108332 Heartflow, Inc. | 108332 Heartflow, Inc. | 6945624 | C | P061901 | | Edelman /Elazer R | 07/01/21 | 06/30/23 | 15,465 | 150,000 | 134,535 |
| | **Total by Primary Sponsor** | | | | | | | | **15,465** | **150,000** | **134,535** |
| 108334 Dowa Holdings Co., Ltd. | 108334 Dowa Holdings Co., Ltd. | 6945257 | C | P268001 | AGMT DATED APRIL 13, 2021 | Palacios /Tomas | 05/01/21 | 04/30/22 | 220,103 | 150,034 | (75,593) |
| | **Total by Primary Sponsor** | | | | | | | | **220,103** | **150,034** | **(75,593)** |
| 108352 SpeQtral | 108352 SpeQtral | 6944947 | C | P061097 | AGRMT DTD 1/28/21 | Cahoy /Kerri | 09/01/20 | 06/30/21 | 50,000 | 50,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **50,000** | **50,000** | **0** |
| 108392 Foreign, Commonwealth, and Development Office (FCDO) | 108392 Foreign, Commonwealth, and Development Office (FCDO) | 6929151 | C | P091020 | COMPONENT CODE 204291-101 | Banerjee /Abhijit | 01/31/14 | 03/31/23 | 0 | 0 | (1,534,943) |
| | | 6930143 | C | P091020 | COMPONENT CODE 204291-101 | Banerjee /Abhijit | 01/31/14 | 03/31/23 | 714,747 | 4,405,947 | (586,416) |
| | | 6937095 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 113,498 | 0 | (201,547) |
| | | 6937584 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 225 | 0 | (22,314) |
| | | 6937585 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 1,210 | 0 | (68,531) |
| | | 6937586 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | (1,015,641) | 0 | (93,570) |
| | | 6937694 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 2,750 | 70,655 | (835,576) |
| | | 6937695 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 129,000 | 1,468,028 | (1,304,522) |
| | | 6937696 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 162,616 | 105,000 | (1,537,662) |
| | | 6937697 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 837,210 | 700,000 | (1,774,767) |
| | | 6937699 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 0 | 100,000 | (10,000) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6937700 | C | P091020 | 300049 | Olken /Benjamin | 08/01/17 | 03/31/24 | 1,913,721 | 550,000 | (4,717,215) |
| | | 6944008 | C | P091020 | 300049 | Olken /Benjamin | 01/01/18 | 03/31/24 | 41,841 | 352,000 | 305,182 |
| | | 6944009 | C | P091020 | 300049 | Olken /Benjamin | 01/01/18 | 03/31/24 | 234,582 | 1,056,000 | 707,937 |
| | | 6944010 | C | P091020 | 300049 | Olken /Benjamin | 01/01/18 | 03/31/24 | 253,785 | 288,200 | 33,315 |
| | | 6944011 | C | P091020 | 300049 | Olken /Benjamin | 01/01/18 | 03/31/24 | 39,641 | 1,056,000 | 816,976 |
| | | 6946452 | C | P091020 | 300484-102 | Banerjee /Abhijit | 10/01/21 | 03/31/23 | 156,307 | 41,414 | (114,893) |
| | 109952 Centre for Economic Policy Research | 6947160 | C | P091000 | STEG_LOA_620_BALBONI | Balboni /Clare A | 02/01/22 | 01/31/24 | 39,413 | 25,525 | (13,888) |
| | **Total by Primary Sponsor** | | | | | | | | **3,624,905** | **10,218,769** | **(10,952,434)** |
| 108419 Innovasea | 108419 Innovasea | 6944961 | C | P062000 | AGRMT DATED 02/04/2021 | Strano /Michael S. | 02/04/21 | 02/03/22 | 119,044 | 134,597 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **119,044** | **134,597** | **(0)** |
| 108420 Joy Ventures | 110191 Healthy Minds Innovations, Inc. | 6947838 | C | P039000 | AGREEMENT DATED 5/27/2022 | Picard /Rosalind W. | 09/01/21 | 08/31/22 | 0 | 97,103 | 97,103 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **97,103** | **97,103** |
| 108421 Mango HQ | 108421 Mango HQ | 6944949 | C | P063007 | AGRMT DATED 03/01/21 | Simchi-Levi /David | 03/01/21 | 02/28/22 | 82,857 | 153,930 | 61,146 |
| | **Total by Primary Sponsor** | | | | | | | | **82,857** | **153,930** | **61,146** |
| 108433 Facebook Technologies, LLC | 108433 Facebook Technologies, LLC | 6939300 | C | P067952 | PO# 1162236 | Oliva /Aude | 08/07/18 | 08/06/21 | 29,894 | 894,744 | 0 |
| | | 6944489 | C | P152000 | MIT-01012017-SCL / PO 70000151529 | Van Voorhis /Troy | 12/01/20 | 12/31/22 | 54,347 | 286,457 | 153,953 |
| | | 6944551 | C | P067952 | PO1386165 | Oliva /Aude | 12/15/20 | 12/15/22 | 290,101 | 594,000 | 303,899 |
| | | 6947131 | C | P154500 | PO # 70000280145 | Mansinghka /Vikash K | 03/01/22 | 02/28/24 | 0 | 250,000 | 250,000 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **374,342** | **2,025,201** | **707,852** |
| 108491 Gwangju Institute of Science and Technology | 108491 Gwangju Institute of Science and Technology | 6945154 | C | P067952 | AGREEMENT DATED 04/02/2021 | Matusik /Wojciech | 03/01/21 | 12/31/22 | 105,726 | 134,008 | 1,765 |
| | | 6945802 | C | P067952 | AGREEMENT DATED 04/02/2021 | Rus /Daniela L | 03/01/21 | 12/31/22 | 98,358 | 132,500 | 34,142 |
| | | 6946079 | C | P067952 | AGREEMENT DATED 8/17/2021 | Rus /Daniela L | 08/18/21 | 12/31/23 | 0 | 374,717 | 374,717 |
| | | 6946103 | C | P067952 | AGREEMENT DATED 8/17/2021 | Rus /Daniela L | 08/18/21 | 12/31/22 | 0 | 337,154 | 337,154 |
| | | 6946743 | C | P067952 | AGREEMENT DATED 8/17/2021 | Matusik /Wojciech | 01/01/22 | 12/31/22 | 60,664 | 125,000 | 64,336 |
| | | 6946744 | C | P067952 | AGREEMENT DATED 8/17/2021 | Durand /Frederic | 10/01/21 | 12/31/22 | 70,360 | 333,333 | 262,973 |
| | | 6946745 | C | P067952 | AGREEMENT DATED 8/17/2021 | Katabi /Dina | 10/01/21 | 12/31/22 | 36,853 | 148,333 | 111,481 |
| | | 6946746 | C | P067952 | AGREEMENT DATED 8/17/2021 | Jaakkola /Tommi S | 10/01/21 | 12/31/22 | 2,461 | 223,264 | 220,803 |
| | | 6946747 | C | P067952 | AGREEMENT DATED 8/17/2021 | Mueller /Stefanie | 10/01/21 | 12/31/22 | 125,296 | 200,794 | 75,498 |
| | | 6946748 | C | P067952 | AGREEMENT DATED 8/17/2021 | Kim /Yoon | 10/01/21 | 12/31/22 | 236,914 | 268,530 | 31,616 |
| | | 6946870 | C | P067952 | AGREEMENT DATED 8/17/2021 | Rus /Daniela L | 10/01/21 | 12/31/22 | 8,753 | 133,863 | 125,110 |
| | | 6946886 | C | P067952 | AGREEMENT DATED 8/17/2021 | Ghassemi /Marzyeh | 10/01/21 | 12/31/22 | 0 | 33,187 | 33,187 |
| | | 6946893 | C | P067952 | AGREEMENT DATED 8/17/2021 | Indyk /Piotr | 10/01/21 | 12/31/22 | 0 | 110,000 | 110,000 |
| | | 6947083 | C | P067952 | AGREEMENT DATED 8/17/2021 | Rus /Daniela L | 01/01/22 | 12/31/22 | 7,248 | 125,000 | 117,752 |
| | | 6947671 | C | P067952 | AGREEMENT DATED 8/17/2021 | Katabi /Dina | 04/01/22 | 12/31/22 | 0 | 75,000 | 75,000 |
| | | 6947691 | C | P067952 | AGREEMENT DATED 8/17/2021 | Ghassemi /Marzyeh | 10/01/21 | 12/31/22 | 0 | 31,616 | 31,616 |
| | **Total by Primary Sponsor** | | | | | | | | **752,632** | **2,786,301** | **2,007,152** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 108495 BP Corporation North America, Inc. | 108495 BP Corporation North America, Inc. | 6946807 | C | P067952 | PO 4920068495 | Williams /Brian C | 01/01/22 | 12/31/24 | 21,612 | 1,542,512 | 1,520,900 |
| | **Total by Primary Sponsor** | | | | | | | | **21,612** | **1,542,512** | **1,520,900** |
| 108499 PAII Inc. | 108499 PAII Inc. | 6944648 | C | P067952 | AGMT DTD 12/12/20 | Glass /James R | 01/01/21 | 03/31/22 | 58,488 | 100,000 | 32 |
| | **Total by Primary Sponsor** | | | | | | | | **58,488** | **100,000** | **32** |
| 108500 Baxalta Innovations GmbH affiliate of Takeda Pharmaceutical Co | 108500 Baxalta Innovations GmbH, affiliate of Takeda | 6944491 | C | P062000 | AGMT EFFECTIVE 09/01/2020 | Myerson /Allan S. | 09/01/20 | 08/31/23 | 335,490 | 938,111 | 329,163 |
| | **Total by Primary Sponsor** | | | | | | | | **335,490** | **938,111** | **329,163** |
| 108501 Wellcome Leap | 006120 Harvard University | 6946006 | C | P061901 | AGREEMENT NO. 229975-5119316 | Bhatia /Sangeeta N | 04/01/21 | 03/31/23 | 204,371 | 210,674 | 6,303 |
| | | 6947235 | C | P061901 | AGREEMENT NO. 229975-5119316 | Bhatia /Sangeeta N | 04/01/22 | 03/31/23 | 43,544 | 219,661 | 176,118 |
| | 102237 Wyss Institute | 6946809 | C | P061902 | CHEN HOPE 229975 | Greenberg /Julie E | 06/01/21 | 03/31/22 | 34,678 | 34,678 | 0 |
| | 108501 Wellcome Leap | 6944945 | C | P122150 | SOW #1 EFFECTIVE 3/1/2021 | Lo /Andrew W | 03/01/21 | 02/28/23 | 132,981 | 400,000 | 249,512 |
| | | 6945191 | C | P069201 | PROJECT PLAN EFFECTIVE 3/1/2021 | Weiss /Ron | 03/01/21 | 02/29/24 | 0 | 0 | 0 |
| | | 6945224 | C | P069201 | PROJECT PLAN EFFECTIVE 3/1/2021 | Weiss /Ron | 03/01/21 | 02/29/24 | 511,865 | 1,150,237 | 580,959 |
| | | 6945225 | C | P069201 | PROJECT PLAN EFFECTIVE 3/1/2021 | Kamm /Roger Dale | 03/01/21 | 02/29/24 | 537,695 | 836,423 | 290,819 |
| | | 6945226 | C | P069201 | PROJECT PLAN EFFECTIVE 3/1/2021 | Weiss /Ron | 03/01/21 | 06/30/22 | 13,582 | 747,078 | 733,496 |
| | | 6945227 | C | P069201 | PROJECT PLAN EFFECTIVE 3/1/2021 | Weiss /Ron | 03/01/21 | 02/29/24 | 0 | 0 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **1,478,716** | **3,598,751** | **2,037,207** |
| 108515 GeneLeap Biotechnology LLC | 108515 GeneLeap Biotechnology LLC. | 6944708 | C | P402000 | AWARD EFFECTIVE 1/1/21 | Langer /Robert S | 01/01/21 | 12/31/23 | 335,157 | 1,649,895 | 1,275,638 |
| | **Total by Primary Sponsor** | | | | | | | | **335,157** | **1,649,895** | **1,275,638** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 108551 ExxonMobil Central Europe Holding GmbH | 108551 ExxonMobil Central Europe Holding GmbH | 6944845 | C | P320000 | AGMT EFF 1/1/21 | Gencer /Emre | 01/01/21 | 04/30/22 | 332,717 | 338,897 | (1) |
| | **Total by Primary Sponsor** | | | | | | | | **332,717** | **338,897** | **(1)** |
| 108574 Target Foundation | 108574 Target Foundation | 6945378 | C | P091020 | CW2377210 | Dhaliwal /Iqbal | 04/21/21 | 01/31/24 | 34,121 | 253,200 | 219,079 |
| | | 6945474 | C | P091020 | CW2377210 | Dhaliwal /Iqbal | 04/21/21 | 01/31/24 | 34,798 | 946,800 | 912,002 |
| | **Total by Primary Sponsor** | | | | | | | | **68,919** | **1,200,000** | **1,131,081** |
| 108592 Research To Prevent Blindness | 108592 Research To Prevent Blindness | 6945765 | C | P159300 | 42894 | Bear /Mark | 07/01/21 | 12/31/23 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **100,000** |
| 108594 Homesite Group, Incorporated | 108594 Homesite Grou Incorporated | 6945312 | C | P153000 | AGRMT DATED 04/02/21 | Emanuel /Kerry Andrew | 04/02/21 | 04/01/23 | 99,159 | 68,750 | (30,409) |
| | **Total by Primary Sponsor** | | | | | | | | **99,159** | **68,750** | **(30,409)** |
| 108596 Project CETI | 108596 Project CETI | 6945385 | C | P067952 | AGREEMENT DATED 4/21/21 | Rus /Daniela L | 04/19/21 | 06/01/25 | 6,854 | 278,334 | 271,480 |
| | | 6945471 | C | P067952 | AGREEMENT DATED 4/21/21 | Andreas /Jacob D | 04/19/21 | 06/01/25 | 183,627 | 278,333 | 94,706 |
| | | 6945951 | C | P067952 | AGREEMENT DATED 4/21/21 | Torralba /Antonio | 04/19/21 | 06/01/25 | 136,797 | 278,333 | 141,536 |
| | **Total by Primary Sponsor** | | | | | | | | **327,279** | **835,000** | **507,721** |
| 108612 Amazon.com Services LLC | 108612 Amazon.com Services LLC | 6946500 | C | P067952 | PO# #2D-06310236 | Tedrake /Russell L | 09/01/21 | 08/31/22 | 268,186 | 300,000 | 31,814 |
| | | 6946501 | C | P067952 | PO# #2D-06310236 | Isola /Phillip John | 09/01/21 | 08/31/22 | 85,742 | 175,000 | 89,258 |
| | | 6946502 | C | P065005 | PO# #2D-06310236 | Rodriguez Garcia /Alberto | 09/01/21 | 08/31/22 | 169,959 | 175,000 | 5,041 |
| | | 6946560 | C | P121012 | PO #2D-06310220 | Barnhart /Cynthia | 09/01/21 | 08/31/22 | 70,868 | 325,000 | 254,132 |
| | | 6946561 | C | P068700 | PO #2D-06310220 | Wu /Cathy | 09/01/21 | 08/31/22 | 276,174 | 325,000 | 48,826 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **870,929** | **1,300,000** | **429,071** |
| 108615 Momentus Inc. | 108615 Momentus Inc. | 6945046 | C | P061097 | AGMT DTD 3/11/21 | Cahoy /Kerri | 02/01/21 | 08/31/22 | 127,089 | 140,997 | (11,857) |
| | | 6946572 | C | P061097 | AGMT DTD 3/11/21 | Cahoy /Kerri | 06/01/21 | 08/31/22 | 570 | 14,000 | 13,430 |
| | **Total by Primary Sponsor** | | | | | | | | **127,660** | **154,997** | **1,573** |
| 108634 Neomics Pharmaceuticals, LLC | 108634 Neomics Pharmaceuticals, LLC | 6944918 | C | P402000 | AGREEMENT EFFECTIVE 3/1/21 | Chen /Jianzhu | 03/01/21 | 02/28/23 | 93,470 | 200,001 | 46,693 |
| | **Total by Primary Sponsor** | | | | | | | | **93,470** | **200,001** | **46,693** |
| 108651 Sam's Clu | 108651 Sam's Club | 6945182 | C | P069500 | PO 36831606 | Sheffi /Yosef | 04/01/21 | 04/30/22 | 76,794 | 96,500 | (131) |
| | **Total by Primary Sponsor** | | | | | | | | **76,794** | **96,500** | **(131)** |
| 108671 DSM Nutritional Products Ltd | 108671 DSM Nutritional Products Ltd | 6943820 | C | P069201 | AGMT EFF 8/13/20 | Voigt /Christopher A. | 12/01/20 | 09/13/22 | 191,896 | 330,000 | (6,135) |
| | | 6943915 | C | P061901 | AGMT EFF 8/13/20 | Lieberman /Tami Danielle | 12/01/20 | 09/13/22 | 215,061 | 330,000 | 27,038 |
| | **Total by Primary Sponsor** | | | | | | | | **406,956** | **660,000** | **20,903** |
| 108672 Alector Inc | 108672 Alector Inc. | 6945874 | C | P062000 | AGRMT EFFECTIVE 07/28/21 | Hammond /Paula T | 07/28/21 | 07/28/22 | 22,134 | 75,146 | 53,012 |
| | **Total by Primary Sponsor** | | | | | | | | **22,134** | **75,146** | **53,012** |
| 108692 VHL Alliance | 108692 VHL Alliance | 6947347 | C | P062000 | RESEARCH AGREEMENT DATED 1-20-2022 | Hammond /Paula T | 04/15/22 | 04/14/23 | 0 | 160,119 | 160,119 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **160,119** | **160,119** |
| 108731 NASA - Armstrong Flight Research Center | 108731 NASA - Armstrong Flight Research Center | 6944838 | C | P068000 | 80NSSC21K0345 | Baglietto /Emilio | 12/08/20 | 12/07/22 | 244,806 | 580,903 | 311,072 |
| | | 6944864 | C | P039000 | 80NSSC21K0353 | Paradiso /Joseph A | 12/08/20 | 03/31/22 | 429,125 | 648,353 | 7,357 |
| | | 6945034 | C | P039000 | 80NSSC21K0541 | Wood /Danielle Renee | 01/26/21 | 01/25/23 | 198,461 | 448,514 | 175,472 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6945170 | C | P068000 | 80NSSC21K0345 | Baglietto /Emilio | 12/08/20 | 11/07/22 | 79,502 | 49,179 | (30,488) |
| | **Total by Primary Sponsor** | | | | | | | | **951,894** | **1,726,949** | **463,412** |
| 108742 IWC International Watch Co. AG | 108742 IWC International Watch Co. AG | 6945106 | C | P062000 | AGRMT DATED 03/15/21 | Olsen /Bradley D. | 03/15/21 | 03/14/24 | 88,511 | 300,000 | 211,489 |
| | | 6947130 | C | P065005 | | Varanasi /Kripa | 03/01/22 | 04/30/25 | 9,739 | 598,783 | 589,044 |
| | **Total by Primary Sponsor** | | | | | | | | **98,250** | **898,783** | **800,533** |
| 108772 Bank of Canada | 108772 Bank of Canada | 6946820 | C | P039000 | AGMT DTD 1/13/2022 | Narula /Neha | 02/01/22 | 01/31/23 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **100,000** |
| 108791 Butterfly Network, Inc | 108791 Butterfly Network, Inc | 6946813 | C | P065004 | | Anthony /Brian | 01/16/21 | 06/15/22 | 86,859 | 131,000 | 44,141 |
| | **Total by Primary Sponsor** | | | | | | | | **86,859** | **131,000** | **44,141** |
| 108891 Leap Therapeutics | 108891 Leap Therapeutics | 6945390 | C | P402000 | AGREEMENT DATED 5/1/21 | Spranger-Zimmermann /Stefani | 05/10/21 | 05/09/23 | 226,116 | 510,226 | 246,533 |
| | **Total by Primary Sponsor** | | | | | | | | **226,116** | **510,226** | **246,533** |
| 108892 Cosmic Shielding Corporation | 108892 Cosmic Shielding Corporation | 6945219 | C | P065004 | AGMT EFF 4/1/21 | Boriskina /Svetlana V | 04/01/21 | 09/30/23 | 150,732 | 916,210 | 765,478 |
| | **Total by Primary Sponsor** | | | | | | | | **150,732** | **916,210** | **765,478** |
| 108911 New Hope Singapore Pte Ltd | 108911 New Hope Singapore Pte Ltd | 6946397 | C | P402000 | AGREEMENT EFFECTIVE 11/1/21 | Chen /Jianzhu | 11/01/21 | 10/31/23 | 106,740 | 542,145 | 435,405 |
| | | 6946630 | C | P402000 | AGREEMENT EFFECTIVE 11/1/21 | Chen /Jianzhu | 11/01/21 | 10/31/23 | 0 | 137,855 | 137,855 |
| | **Total by Primary Sponsor** | | | | | | | | **106,740** | **680,000** | **573,260** |
| 108931 Signify North America Corporation | 108931 Signify North America Corporation | 6932612 | C | P030001 | AGREEMENT DATED 5/19/15 | Berger /Alan M | 07/01/15 | 03/31/22 | 0 | 734,973 | 729,706 |
| | | 6938741 | C | P031000 | AGREEMENT DATED 5/9/2018 | Coelho /Marcelo Henrique | 05/01/18 | 08/31/21 | 8,100 | 300,000 | (0) |
| | | 6940116 | C | P067952 | AGREEMENT DATED 5/19/15 | Fisher /John W | 07/01/15 | 09/01/19 | (561) | 300,000 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6940685 | C | P067952 | AGREEMENT DATED 5/19/15 | Madry /Aleksander | 04/01/19 | 12/31/19 | 0 | 99,854 | (0) |
| | | 6942376 | C | P067952 | AGREEMENT DATED 5/19/15 | Torralba /Antonio | 10/14/19 | 12/31/21 | 13,074 | 451,958 | 214,197 |
| | | 6942377 | C | P067952 | AGREEMENT DATED 5/19/15 | Glass /James R | 10/01/19 | 03/31/22 | 166,425 | 501,000 | (102) |
| | | 6942378 | C | P067952 | AGREEMENT DATED 5/19/15 | Madden /Samuel R | 10/01/19 | 12/15/20 | 0 | 249,602 | (0) |
| | | 6942379 | C | P067952 | AGREEMENT DATED 5/19/15 | Fisher /John W | 09/01/19 | 02/15/21 | 0 | 300,000 | 4,081 |
| | | 6943228 | C | P067952 | AGREEMENT DATED 5/19/15 | Szolovits /Peter | 04/01/20 | 12/31/20 | 0 | 100,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **187,037** | **3,037,386** | **947,882** |
| 108951 Revitope Oncology Inc | 108951 Revitope Oncology Inc | 6945626 | C | P402000 | AGREEMENT EFFECTINVE 4/1/21 | Bhatia /Sangeeta N | 04/01/21 | 03/31/23 | 44,004 | 696,881 | 652,877 |
| | **Total by Primary Sponsor** | | | | | | | | **44,004** | **696,881** | **652,877** |
| 109051 Owlstone Medical Ltd | 109051 Owlstone Medical Ltd | 6946646 | C | P402000 | AGREEMENT EFFECTIVE 11/8/2021 | Bhatia /Sangeeta N | 11/08/21 | 11/07/23 | 31,614 | 516,230 | 484,616 |
| | **Total by Primary Sponsor** | | | | | | | | **31,614** | **516,230** | **484,616** |
| 109071 Media Democracy Fund (MDF) | 100060 New Venture Fund | 6946441 | C | P121175 | NVF-MEDF-MASSACHUSETTS INSTITUTE OF T-SUBGRANT-014483-2021-06-17 | Aral /Sinan Kayhan | 05/01/21 | 12/31/22 | 6,428 | 100,000 | 93,572 |
| | **Total by Primary Sponsor** | | | | | | | | **6,428** | **100,000** | **93,572** |
| 109073 MP Materials | 109073 MP Materials | 6946462 | C | P417500 | AGREEMENT DTD 10/26/2021 | Schuh /Christopher A | 10/25/21 | 10/25/22 | 3,186 | 35,000 | 31,814 |
| | **Total by Primary Sponsor** | | | | | | | | **3,186** | **35,000** | **31,814** |
| 109152 Epic Games | 109152 Epic Games | 6946571 | C | P033000 | AWARD LTR DTD 02/05/2021 | Chegut /Andrea Marie | 07/01/21 | 06/30/22 | 34,787 | 70,000 | 35,213 |
| | **Total by Primary Sponsor** | | | | | | | | **34,787** | **70,000** | **35,213** |
| 109154 Secura Bio, Inc. | 109154 Secura Bio, Inc. | 6945837 | C | P402000 | AGMT DTD. 08/01/21 | Hammond /Paula T | 08/01/21 | 02/04/22 | 54,285 | 54,285 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **54,285** | **54,285** | **0** |
| 109171 ALPHA-1 Foundation | 109171 ALPHA-1 Foundation | 6946582 | C | P402000 | 878568 | Anderson /Daniel Griffith | 10/01/21 | 09/30/23 | 0 | 0 | 0 |
| | | 6946584 | C | P402000 | 878568 | Anderson /Daniel Griffith | 10/01/21 | 09/30/23 | 2,834 | 100,000 | 97,166 |
| | **Total by Primary Sponsor** | | | | | | | | **2,834** | **100,000** | **97,166** |
| 109212 Siemens Gamesa Renewable Energy Innovation & Technology S.L.U. | 005408 California Institute of Technology | 6946058 | C | P063007 | AGRMT EFFECTIVE 09/01/2021 | Howland /Michael | 09/01/20 | 08/31/22 | 110,317 | 132,201 | 21,884 |
| | **Total by Primary Sponsor** | | | | | | | | **110,317** | **132,201** | **21,884** |
| 109245 Bee-io-Honey Ltd | 109245 Bee-io-Honey L | 6945794 | C | P069201 | SRA DATED 7/15/21 | Weiss /Ron | 08/01/21 | 07/31/22 | 38,463 | 349,193 | 310,730 |
| | **Total by Primary Sponsor** | | | | | | | | **38,463** | **349,193** | **310,730** |
| 109272 Emvolon | 109272 Emvolon | 6945993 | C | P243020 | TBD | Brisson /John G | 08/01/21 | 11/30/22 | 119,287 | 134,069 | 14,782 |
| | **Total by Primary Sponsor** | | | | | | | | **119,287** | **134,069** | **14,782** |
| 109334 VALQUA, LTD. | 109334 VALQUA, LTD. | 6946542 | C | P417500 | AGREEMENT DTD 10/15/2021 | Tasan /Cemal | 10/15/21 | 09/14/24 | 53,126 | 389,874 | 336,748 |
| | **Total by Primary Sponsor** | | | | | | | | **53,126** | **389,874** | **336,748** |
| 109351 Boston Globe Life Sciences Media, LLC (aka. STAT) | 109351 Boston Globe Life Sciences Media, LLC (aka. STAT) | 6945810 | C | P060051 | | Barzilay /Regina | 06/01/21 | 05/31/22 | 8,874 | 10,000 | 1,126 |
| | **Total by Primary Sponsor** | | | | | | | | **8,874** | **10,000** | **1,126** |
| 109362 QuEra Computing Incorporated | 006120 Harvard University | 6945485 | C | P267100 | AGMT NO. 218050-5116760 | Vuletic /Vladan | 03/01/21 | 02/28/23 | 0 | 0 | 0 |
| | | 6945486 | C | P267100 | AGMT NO. 218050-5116760 | Vuletic /Vladan | 03/01/21 | 02/28/23 | 363,167 | 1,193,330 | 824,579 |
| | | 6945487 | C | P267111 | AGMT NO. 218050-5116760 | Englund /Dirk R. | 03/01/21 | 02/28/23 | 68,018 | 476,670 | 404,524 |
| | | 6946866 | C | P267111 | AGMT NO. 218050-5116760 | Englund /Dirk R. | 03/01/21 | 02/28/23 | 66,267 | 80,000 | 13,733 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **497,452** | **1,750,000** | **1,242,835** |
| 109433 Cadence Design Systems, Inc. | 109433 Cadence Desig Systems, Inc. | 6945616 | C | P061093 | AGMT DTD 06/22/2021 | Galbraith /Marshall C. | 06/01/21 | 06/30/22 | 40,011 | 40,000 | (11) |
| | **Total by Primary Sponsor** | | | | | | | | **40,011** | **40,000** | **(11)** |
| 109452 The Weiss Fund - University of Chicago | 109452 The Weiss Fun - University of Chicago | 6946732 | C | P091020 | RPA#: MIT-027 | Schilbach /Frank | 05/01/21 | 04/30/22 | 7,631 | 14,590 | 6,959 |
| | | 6947267 | C | P091020 | RPA#: MIT-025 | Olken /Benjamin | 03/01/21 | 06/30/22 | 0 | 7,514 | 7,514 |
| | **Total by Primary Sponsor** | | | | | | | | **7,631** | **22,104** | **14,473** |
| 109495 Plymouth Rock Home Assurance Corporation | 109495 Plymouth Rock Home Assurance Corporation | 6945772 | C | P153000 | AGMT EFFECTIVE 7/6/21 | Ravela /Sai Czander | 07/15/21 | 07/14/23 | 100,007 | 137,500 | 37,493 |
| | **Total by Primary Sponsor** | | | | | | | | **100,007** | **137,500** | **37,493** |
| 109554 Wayfair LLC | 109554 Wayfair LLC | 6946486 | C | P121012 | AGMT EFF DTD 10/20/21 | Jacquillat /Alexandre | 09/01/21 | 08/31/22 | 40,469 | 49,000 | 8,531 |
| | **Total by Primary Sponsor** | | | | | | | | **40,469** | **49,000** | **8,531** |
| 109571 APM Terminals North America, Inc. | 109571 APM Terminals North America, Inc. | 6946137 | C | P065004 | AGMT DTD 9/16/21 | Krebs /Hermano I | 11/01/21 | 10/31/22 | 78,660 | 194,000 | 115,340 |
| | | 6946742 | C | P065004 | | Krebs /Hermano I | 11/01/21 | 10/31/22 | 3,987 | 40,000 | 36,013 |
| | **Total by Primary Sponsor** | | | | | | | | **82,647** | **234,000** | **151,353** |
| 109572 Cygnal Therapeutics, Inc | 109572 Cygnal Therapeutics, Inc | 6946984 | C | P069201 | AGREEMENT DTD 02/02/2022 | Griffith /Linda G | 01/01/22 | 03/31/22 | 27,714 | 27,714 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **27,714** | **27,714** | **0** |
| 109674 Motif FoodWorks | 109674 Motif FoodWork | 6946216 | C | P065005 | | McKinley /Gareth H | 09/15/21 | 09/14/24 | 0 | 150,000 | 150,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,000** | **150,000** |
| 109676 Shockwav Medical, Inc. | 109676 Shockwave Medical, Inc. | 6946322 | C | P061901 | AGREEMENT DATED 10/7/21 | Edelman /Elazer R | 10/07/21 | 10/06/24 | 60,531 | 226,994 | 166,463 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **60,531** | **226,994** | **166,463** |
| 109679 Generatio Bio | 109679 Generation Bio | 6946557 | C | P152000 | PO# GEN010256 | Johnson /Jeremiah A. | 11/05/21 | 03/31/24 | 82,540 | 110,000 | 27,460 |
| | **Total by Primary Sponsor** | | | | | | | | **82,540** | **110,000** | **27,460** |
| 109893 Foundatio for Opioid Response Efforts | 007733 Weill Medical College | 6946544 | C | P039000 | SUBAWARD 212780-1 | Picard /Rosalind W. | 08/01/21 | 07/31/22 | 50,000 | 50,000 | (0) |
| | **Total by Primary Sponsor** | | | | | | | | **50,000** | **50,000** | **(0)** |
| 109894 Alcon Research LLC | 005460 Children's Hospital Boston | 6946227 | C | P159300 | GENFD0002074851 | Bear /Mark | 09/01/21 | 06/30/22 | 61,401 | 64,953 | 3,552 |
| | **Total by Primary Sponsor** | | | | | | | | **61,401** | **64,953** | **3,552** |
| 109911 Taiwan Cement Corporation | 109911 Taiwan Cement Corporation | 6947128 | C | P069400 | | Trancik /Jessika | 02/01/22 | 01/31/23 | 28,979 | 233,187 | 204,208 |
| | **Total by Primary Sponsor** | | | | | | | | **28,979** | **233,187** | **204,208** |
| 109953 Grunentha GmbH | 109953 Grunenthal GmbH | 6946956 | C | P069201 | PO4500653418 | Grodzinsky /Alan J | 01/14/22 | 07/31/22 | 53,558 | 67,564 | 14,006 |
| | **Total by Primary Sponsor** | | | | | | | | **53,558** | **67,564** | **14,006** |
| 109954 Mastercard Impact Fund | 109954 Mastercard Impact Fund | 6940311 | C | P035000 | AGMT SIGNED 2/8/19 | Williams /Sarah E | 02/08/19 | 12/31/19 | 11 | 39,935 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **11** | **39,935** | **0** |
| 109971 Arrow Electronics, Inc. | 109971 Arrow Electronics, Inc. | 6946735 | C | P067952 | AGMT EFF. 9/20/2021 | Gupta /Amar | 09/30/21 | 03/31/23 | 74,791 | 125,000 | 50,209 |
| | **Total by Primary Sponsor** | | | | | | | | **74,791** | **125,000** | **50,209** |
| 109974 Hyundai Mobis Co., Ltd | 109974 Hyundai Mobis Co., Ltd | 6946789 | C | P031000 | AGMT DTD 12/20/2021 | Tibbits /Skylar | 12/01/21 | 11/30/22 | 23,746 | 160,220 | 136,474 |
| | **Total by Primary Sponsor** | | | | | | | | **23,746** | **160,220** | **136,474** |
| 109994 La Haus Ltd. | 109994 La Haus Ltd. | 6946738 | C | P033000 | AGMNT DTD 11/05/2021 | Saiz /Albert | 11/01/21 | 08/30/22 | 17,043 | 121,822 | 104,779 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total by Primary Sponsor** | | | | | | | | **17,043** | **121,822** | **104,779** |
| 110011 AI2 LLC | 110011 AI2 LLC | 6942842 | C | P067952 | AGREEMENT DATED 7/15/2020/PO 40010-17843 | Williams /Brian C | 07/15/20 | 06/07/22 | 90,874 | 268,165 | 1,435 |
| | **Total by Primary Sponsor** | | | | | | | | **90,874** | **268,165** | **1,435** |
| 110033 Break Through Cancer | 110033 Break Through Cancer | 6947321 | C | P402000 | BTC: MASTER 1/20/21 | Vander Heiden /Matthew G. | 01/20/21 | 01/19/26 | 0 | 0 | 0 |
| | | 6947322 | C | P402000 | BTC: MASTER 1/20/21 | Vander Heiden /Matthew G. | 03/01/22 | 02/28/23 | 3,981 | 0 | (3,981) |
| | | 6947326 | C | P402000 | BTC: MASTER 1/20/21 | Vander Heiden /Matthew G. | 03/01/22 | 02/28/23 | 19,971 | 191,708 | 171,737 |
| | | 6947327 | C | P061901 | BTC: MASTER 1/20/21 | Shalek /Alexander K | 03/01/22 | 02/28/23 | 0 | 194,647 | 194,647 |
| | | 6947328 | C | P069201 | BTC: MASTER 1/20/21 | Lauffenburger /Douglas A | 03/01/22 | 02/28/23 | 0 | 95,561 | 95,561 |
| | | 6947329 | C | P402000 | BTC: MASTER 1/20/21 | Vander Heiden /Matthew G. | 03/01/22 | 02/28/23 | 0 | 105,297 | 105,297 |
| | | 6947330 | C | P402000 | BTC: MASTER 1/20/21 | White /Forest M | 03/01/22 | 02/28/23 | 11,266 | 148,020 | 136,754 |
| | | 6947331 | C | P402000 | BTC: MASTER 1/20/21 | Cima /Michael J | 03/01/22 | 02/28/23 | 0 | 135,742 | 135,742 |
| | | 6947332 | C | P402000 | BTC: MASTER 1/20/21 | Hammond /Paula T | 03/01/22 | 02/28/23 | 10,095 | 329,640 | 319,545 |
| | | 6947333 | C | P402000 | BTC: MASTER 1/20/21 | Spranger-Zimmermann /Stefani | 03/01/22 | 02/28/23 | 37,704 | 421,322 | 383,618 |
| | | 6947334 | C | P402000 | BTC: MASTER 1/20/21 | Garg /Salil | 03/01/22 | 02/28/23 | 0 | 76,895 | 76,895 |
| | | 6947335 | C | P402000 | BTC: MASTER 1/20/21 | Belcher /Angela M | 03/01/22 | 02/28/23 | 147,977 | 497,257 | 349,280 |
| | | 6947336 | C | P402000 | BTC: MASTER 1/20/21 | Garg /Salil | 03/01/22 | 02/28/23 | 0 | 64,985 | 64,985 |
| | | 6947338 | C | P065005 | BTC: MASTER 1/20/21 | Varanasi /Kripa | 03/01/22 | 02/28/23 | 8,970 | 205,671 | 196,701 |
| | **Total by Primary Sponsor** | | | | | | | | **239,965** | **2,466,745** | **2,226,780** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 110131 Norn Group | 110131 Norn Group | 6946796 | C | P400600 | AGMNT DTD 12/07/21 | Abudayyeh /Omar Osama | 07/08/21 | 01/07/23 | 193,514 | 385,000 | 191,486 |
| | **Total by Primary Sponsor** | | | | | | | | **193,514** | **385,000** | **191,486** |
| 110171 Johnson Matthey PLC | 110171 Johnson Matthe PLC | 6947701 | C | P152000 | | Dinca /Mircea | 06/01/22 | 05/31/24 | 378 | 167,242 | 166,864 |
| | **Total by Primary Sponsor** | | | | | | | | **378** | **167,242** | **166,864** |
| 110215 Citrone Foundation, Inc. | 110215 Citrone Foundation, Inc. | 6946801 | C | P039000 | AGREEMENT DATED 12/9/2021 | Picard /Rosalind W. | 12/15/21 | 01/31/23 | 2,022 | 3,267 | 1,245 |
| | **Total by Primary Sponsor** | | | | | | | | **2,022** | **3,267** | **1,245** |
| 110231 Microbial Machines, Inc. | 110231 Microbial Machines, Inc. | 6944504 | C | P402000 | AGREEMENT EFFECTIVE 1/1/21 | Yilmaz /Omer | 01/01/21 | 07/31/23 | 305,083 | 759,830 | 443,968 |
| | **Total by Primary Sponsor** | | | | | | | | **305,083** | **759,830** | **443,968** |
| 110351 Massachusetts Technology Development Corporation d/ba MassVentu | 110351 Massachusetts Technology Development | 6946763 | C | P061901 | AGREEMENT DATED 12/15/2021 | Roche /Ellen | 12/13/21 | 07/31/22 | 5,615 | 16,250 | 10,635 |
| | **Total by Primary Sponsor** | | | | | | | | **5,615** | **16,250** | **10,635** |
| 110371 Materion | 110371 Materion | 6947067 | C | P417500 | PO# EA4500733851 | Tasan /Cemal | 03/01/22 | 02/29/24 | 24,804 | 106,996 | 82,192 |
| | **Total by Primary Sponsor** | | | | | | | | **24,804** | **106,996** | **82,192** |
| 110372 AISIN CORPORATION | 110372 AISIN CORPORATION | 6947183 | C | P031000 | AGMT EFF 3/14/22 | Tibbits /Skylar | 03/14/22 | 03/13/23 | 85,992 | 250,000 | 164,008 |
| | **Total by Primary Sponsor** | | | | | | | | **85,992** | **250,000** | **164,008** |
| 110411 WorkRise Network | 007599 Urban Institute | 6946245 | C | P121400 | 102029-0001-MIT-01 | Wilmers /Nathan Eric | 04/01/21 | 03/31/23 | 73,861 | 187,560 | 113,699 |
| | | 6947026 | C | P122080 | 102029-0001-MIT-04 | Kochan /Thomas Anton | 01/01/22 | 12/31/22 | 0 | 190,350 | 190,350 |
| | **Total by Primary Sponsor** | | | | | | | | **73,861** | **377,910** | **304,049** |
| 110415 Home Builders and Remodelers Association of | 110415 Home Builders and Remodelers Association of | 6947450 | C | P033000 | AGMT EFF 03/01/2022 | Steil /Justin P | 02/01/22 | 01/31/23 | 36,293 | 147,000 | 110,707 |



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**Fiscal Year 2022**

| Primary Sponsor | Direct Sponsors | Project Wbs Id | G_C | Profit Center Id | Sponsor Contract Number | Supervisor | Project Wbs | Project Wbs Ex | Fytd Amount | Auth Total | Unexpended Balan |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Association of Massachusetts | **Total by Primary Sponsor** | | | | | | | | **36,293** | **147,000** | **110,707** |
| 110472 Skyline Therapeutics Limited | 005817 Dana Farber Cancer Institute | 6946733 | C | P402000 | REF# 5732601; SRA-21-0706 | Chen /Jianzhu | 08/04/21 | 08/04/22 | 365,090 | 1,126,425 | 761,335 |
| | **Total by Primary Sponsor** | | | | | | | | **365,090** | **1,126,425** | **761,335** |
| 110494 Ono Pharmaceutical Co., Ltd. | 110494 Ono Pharmaceutical Co., Ltd | 6947057 | C | P402000 | AGREEMENT EFFECTIVE 3/1/22 | Koehler /Angela Nicole | 03/01/22 | 02/29/24 | 14,149 | 310,506 | 296,357 |
| | | 6947092 | C | P418101 | AGREEMENT EFFECTIVE 3/1/22 | Calo Velazquez /Eliezer | 03/01/22 | 02/29/24 | 18,824 | 88,894 | 70,070 |
| | **Total by Primary Sponsor** | | | | | | | | **32,973** | **399,400** | **366,427** |
| 110495 Bank of England | 110495 Bank of Englan | 6947444 | C | P039000 | AGREEMENT DATED 2/1/2022 | Narula /Neha | 02/22/22 | 02/21/23 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **100,000** |
| 110511 WizSoft Ltd. | 110511 WizSoft Ltd. | 6947561 | C | P121012 | | Levi /Retsef | 04/01/22 | 03/31/23 | 5,878 | 80,000 | 74,122 |
| | **Total by Primary Sponsor** | | | | | | | | **5,878** | **80,000** | **74,122** |
| 110611 ABB Inc. | 110611 ABB Inc. | 6946718 | C | P065005 | PO 4503171411 | Rodriguez Garcia /Alberto | 01/01/21 | 12/31/21 | 75,000 | 75,000 | 0 |
| | **Total by Primary Sponsor** | | | | | | | | **75,000** | **75,000** | **0** |
| 110612 GanNa Bio, Inc. | 110612 GanNa Bio, Inc. | 6947221 | C | P165000 | AGREEMENT DATED 3/24/2022 | Bathe /Mark | 03/24/22 | 01/31/23 | 4,728 | 10,430 | 5,702 |
| | **Total by Primary Sponsor** | | | | | | | | **4,728** | **10,430** | **5,702** |
| 110651 Centre for Perceptual and Interactive Intelligence (CPII) Limit | 110651 Centre for Perceptual and Interactive Intelligence (CPII) Limit | 6945505 | C | P065004 | RP5/P5-2 | Fang /Xuanlai | 06/01/21 | 05/31/26 | 290,710 | 232,020 | (58,690) |
| | | 6945708 | C | P065004 | RP5/P5-1 | Hart /Anastasios John | 07/01/21 | 06/30/26 | 180,665 | 350,000 | 169,335 |
| | | 6945728 | C | P067952 | RP2/P2-1 | Glass /James R | 07/01/21 | 06/30/26 | 239,297 | 268,000 | 28,703 |
| | **Total by Primary Sponsor** | | | | | | | | **710,671** | **850,020** | **139,349** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 110658 Centre for Effective Altruism | 110658 Centre for Effective Altruism | 6947210 | C | P165000 | AGREEMENT DATED 2/3/22 | Bathe /Mark | 01/06/22 | 01/06/23 | 943 | 25,000 | 24,057 |
| | **Total by Primary Sponsor** | | | | | | | | **943** | **25,000** | **24,057** |
| 110731 Gulfstrean Aerospace Corporation | 110731 Gulfstream Aerospace Corporation | 6947644 | C | P061094 | GAC-SAV-PS-IND-3339 | Spakovszky /Zoltan S | 04/01/22 | 08/31/25 | 7,627 | 900,000 | 892,373 |
| | **Total by Primary Sponsor** | | | | | | | | **7,627** | **900,000** | **892,373** |
| 110772 Flexport | 110772 Flexport | 6947534 | C | P121012 | | Levi /Retsef | 03/01/22 | 08/31/24 | 5,878 | 259,164 | 253,286 |
| | **Total by Primary Sponsor** | | | | | | | | **5,878** | **259,164** | **253,286** |
| 110793 Fujitsu Limited | 110793 Fujitsu Limited | 6947032 | C | P400600 | AGMT EFF 02/01/2022 | Poggio /Tomaso A | 02/01/22 | 01/31/23 | 166,804 | 687,000 | 520,196 |
| | **Total by Primary Sponsor** | | | | | | | | **166,804** | **687,000** | **520,196** |
| 110832 First Solar, Inc. | 110832 First Solar, Inc. | 6947696 | C | P152000 | | Bawendi /Moungi G | 03/01/22 | 02/28/23 | 0 | 170,000 | 170,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **170,000** | **170,000** |
| 110874 Windward Fund | 110874 Windward Fund | 6947453 | C | P063007 | 016642-2022-02-10 | Plata /Desiree Louise | 02/01/22 | 08/01/22 | 0 | 100,000 | 100,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **100,000** | **100,000** |
| 110931 Reyes Holdings | 110931 Reyes Holdings | 6947720 | C | P069500 | #REYES/CAPLICE | Caplice /Christopher | 06/01/22 | 05/31/23 | 0 | 150,000 | 150,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **150,000** | **150,000** |
| 110951 Marine Robotics, LLC | 110951 Marine Robotics, LLC | 6947249 | C | P065004 | | Benjamin /Michael R | 04/01/22 | 12/31/22 | 12,653 | 90,000 | 77,347 |
| | **Total by Primary Sponsor** | | | | | | | | **12,653** | **90,000** | **77,347** |
| 110952 Rwanda Space Agency | 110952 Rwanda Space Agency | 6947314 | C | P159400 | AGMT DTD 4/5/22 | Prinn /Ronald G | 03/01/22 | 06/30/22 | 44,811 | 94,841 | 50,030 |
| | **Total by Primary Sponsor** | | | | | | | | **44,811** | **94,841** | **50,030** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 110991 Hanwha Impact Partners, Inc | 110991 Hanwha Impact Partners, Inc | 6947840 | C | P061901 | AGREEMENT DATED 6/1/22 | Collins /James J. | 06/01/22 | 05/31/24 | 0 | 1,500,000 | 1,500,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **1,500,000** | **1,500,000** |
| 111099 Capgemin America, Inc. | 111099 Capgemini America, Inc. | 6946771 | C | P067952 | PO 1990009267 | Rus /Daniela L | 12/17/21 | 12/31/24 | 6,392 | 512,298 | 505,906 |
| | | 6946783 | C | P121175 | AGMT EFF 5/1/21 | McAfee /Andrew P. | 05/01/21 | 04/30/23 | 88,516 | 500,000 | 411,484 |
| | **Total by Primary Sponsor** | | | | | | | | **94,908** | **1,012,298** | **917,390** |
| 111100 Breakthrough Startshot Foundation, LLC | 111100 Breakthrough Startshot Foundation, LLC | 6947248 | C | P267111 | RESEARCH AGMT. SIGNED 03/29/22 | Berggren /Karl K | 06/01/21 | 11/30/22 | 95,133 | 110,000 | 14,867 |
| | | 6947463 | C | P267111 | RESEARCH AGMT. SIGNED 03/29/22 | Berggren /Karl K | 06/01/21 | 05/31/22 | 10,125 | 40,000 | 29,875 |
| | **Total by Primary Sponsor** | | | | | | | | **105,258** | **150,000** | **44,742** |
| 111152 Urban Planning Institute (UPI) | 111152 Urban Planning Institute (UPI) | 6947740 | C | P039000 | AGREEMENT EFF APRIL 15, 2022 | Larson /Kent | 04/15/22 | 04/14/23 | 0 | 300,000 | 300,000 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **300,000** | **300,000** |
| 111254 The Kern Family Foundation | 110211 Coalition for Life Transformative Educatic | 6947473 | C | P405028 | AWARD LETTER 3-29-2022 | Sinha /Pawan | 04/01/22 | 06/30/22 | 23,899 | 24,840 | 941 |
| | **Total by Primary Sponsor** | | | | | | | | **23,899** | **24,840** | **941** |
| 111271 Climate Change AI | 110072 Future Earth International | 6947485 | C | P039000 | CLIMATE CHANGE AI INNOVATION GRANT ID 174 | Newman /Dava J | 02/10/22 | 02/10/23 | 0 | 126,290 | 126,290 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **126,290** | **126,290** |
| 111357 Sony Semiconductor Solutions Corporation | 111357 Sony Semiconductor Solution Corporation | 6947787 | C | P417000 | RESEARCH COLLABORATION AGMT 05/30/2022 | Johnson /Steven G | 06/01/22 | 05/31/23 | 0 | 75,866 | 75,866 |
| | **Total by Primary Sponsor** | | | | | | | | **0** | **75,866** | **75,866** |
| 111372 Northpond Labs LLC | 111372 Northpond Labs LLC | 6947614 | C | P069201 | MRA DATED 5/6/2022 | Belcher /Angela M | 05/06/22 | 05/06/27 | 12,141 | 0 | (12,141) |
| | **Total by Primary Sponsor** | | | | | | | | **12,141** | **0** | **(12,141)** |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| 999903 MIT - Deshpande Cente | 009904 MIT - Internal | 6926535 | C | P063007 | DESHPANDE MOU | McLaughlin /Dennis | 09/01/12 | 08/31/13 | 0 | 49,697 | (0) |
| | 999903 MIT - Deshpande Center | 6928483 | C | P402000 | DESHPANDE MOU | Bhatia /Sangeeta N | 09/01/13 | 08/31/15 | 0 | 98,367 | (0) |
| | | 6928486 | C | P069700 | DESHPANDE MOU | Hart /Anastasios John | 09/01/13 | 05/31/15 | 0 | 1,000 | 0 |
| | | 6928487 | C | P067952 | DESHPANDE MOU | Matusik /Wojciech | 09/01/13 | 08/31/14 | 0 | 1,000 | 0 |
| | | 6930681 | C | P267200 | DESHPANDE MOU | Baldo /Marc A | 09/01/14 | 08/31/15 | 0 | 50,000 | 0 |
| | | 6930682 | C | P152000 | DESHPANDE MOU | Bawendi /Moungi G | 09/01/14 | 08/31/16 | 0 | 200,000 | (0) |
| | | 6930683 | C | P062000 | DESHPANDE MOU | Hatton /Trevor Alan | 09/01/14 | 08/31/16 | 0 | 93,383 | (0) |
| | | 6930727 | C | P062000 | DESHPANDE MOU | Doyle /Patrick S | 09/01/14 | 12/31/15 | 0 | 50,000 | 0 |
| | | 6930808 | C | P267500 | DESHPANDE MOU | Soljacic /Marin | 09/01/14 | 08/31/16 | 0 | 100,000 | 0 |
| | | 6930820 | C | P152000 | DESHPANDE MOU | Surendranath /Yogesh | 09/01/14 | 08/31/15 | 0 | 983 | (0) |
| | | 6931057 | C | P061901 | DESHPANDE MOU | Edelman /Elazer R | 09/01/14 | 08/31/16 | 0 | 149,933 | 0 |
| | | 6931123 | C | P065005 | DESHPANDE MOU | Varanasi /Kripa | 11/01/14 | 10/31/16 | 0 | 150,000 | 0 |
| | | 6931749 | C | P061901 | DESHPANDE MOU | Gray /Martha L | 09/01/14 | 02/28/16 | 0 | 74,942 | 0 |
| | | 6932666 | C | P267600 | DESHPANDE MOU | Smith /Henry I | 09/15/15 | 01/31/18 | 0 | 115,440 | (0) |
| | | 6932675 | C | P152000 | DESHPANDE MOU | Buchwald /Stephen Leffler | 09/01/15 | 08/31/21 | 0 | 191,984 | (0) |
| | | 6932788 | C | P067952 | DESHPANDE MOU | Rus /Daniela L | 09/01/15 | 12/31/17 | 0 | 49,910 | (0) |
| | | 6933609 | C | P067952 | DESHPANDE MOU | Durand /Frederic | 09/01/15 | 08/31/17 | 0 | 66,315 | (0) |
| | | 6934507 | C | P039070 | DESHPANDE MOU | Boyden /Edward | 08/01/16 | 01/31/17 | 0 | 47,688 | (0) |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6934688 | C | P062000 | DESHPANDE MOU | Brushett /Fikile R | 09/01/16 | 08/31/18 | 0 | 51,000 | 0 |
| | | 6934710 | C | P035000 | DESHPANDE MOU | Zegras /Pericles C | 09/01/16 | 08/31/18 | 0 | 95,413 | (0) |
| | | 6934715 | C | P402100 | DESHPANDE MOU | Fox /James G | 09/01/16 | 08/31/18 | 0 | 93,441 | 0 |
| | | 6934729 | C | P065009 | DESHPANDE MOU | Chen /Gang | 09/01/16 | 08/31/17 | 0 | 50,000 | 0 |
| | | 6934860 | C | P402000 | DESHPANDE MOU | Belcher /Angela M | 09/01/16 | 08/31/18 | 0 | 50,958 | (0) |
| | | 6934878 | C | P165000 | DESHPANDE MOU | Ribbeck /Katharina | 09/01/16 | 12/31/18 | 0 | 200,000 | (0) |
| | | 6936918 | C | P267600 | DESHPANDE MOU | Smith /Henry I | 09/01/15 | 08/31/17 | 0 | 48,248 | 0 |
| | | 6936946 | C | P065004 | DESHPANDE MOU | Hart /Anastasios John | 09/01/17 | 08/31/18 | 0 | 34,527 | 0 |
| | | 6937062 | C | P065005 | DESHPANDE MOU | Wang /Evelyn | 09/01/17 | 08/31/19 | 0 | 51,000 | (0) |
| | | 6937132 | C | P165000 | DESHPANDE MOU | Bathe /Mark | 09/01/17 | 02/15/19 | 0 | 49,961 | 0 |
| | | 6937133 | C | P062000 | DESHPANDE MOU | Olsen /Bradley D. | 09/01/17 | 08/31/20 | 0 | 139,743 | 0 |
| | | 6937174 | C | P267200 | DESHPANDE MOU | Ram /Rajeev J | 09/01/17 | 02/01/20 | 0 | 99,917 | (0) |
| | | 6937251 | C | P066000 | DESHPANDE MOU | Beach /Geoffrey Stephen | 09/01/17 | 08/31/20 | 0 | 147,598 | (0) |
| | | 6937266 | C | P402000 | DESHPANDE MOU | Cima /Michael J | 09/01/17 | 08/31/18 | 0 | 49,978 | (0) |
| | | 6937347 | C | P267111 | DESHPANDE MOU | Daniel /Luca | 09/01/17 | 08/31/22 | 3,356 | 125,000 | 21,024 |
| | | 6937775 | C | P062000 | DESHPANDE MOU | Sikes Johnson /Hadley | 09/01/17 | 08/31/18 | 0 | 50,000 | (0) |
| | | 6937924 | C | P069200 | DESHPANDE MOU | Griffith /Linda G | 09/01/17 | 08/31/20 | 0 | 53,629 | (0) |
| | | 6938437 | C | P065004 | DESHPANDE MOU | Hart /Anastasios John | 09/01/17 | 08/31/18 | 0 | 15,473 | 0 |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6939505 | C | P065005 | DESHPANDE MOU | Winter /Amos G | 09/01/18 | 08/31/19 | 0 | 50,000 | 0 |
| | | 6939537 | C | P267111 | DESHPANDE MOU | Grossman /Jeffrey C. | 09/01/18 | 08/31/20 | 0 | 100,000 | (0) |
| | | 6939846 | C | P152000 | DESHPANDE MOU | Johnson /Jeremiah A. | 09/01/18 | 08/31/21 | 3 | 100,000 | (0) |
| | | 6941224 | C | P061096 | DESHPANDE MOU | Tan /Choon S | 09/01/19 | 08/31/20 | 0 | 49,275 | 0 |
| | | 6941270 | C | P066000 | DESHPANDE MOU | Hu /Juejun | 09/01/19 | 08/31/20 | 0 | 50,862 | 0 |
| | | 6941292 | C | P062000 | DESHPANDE MOU | Doyle /Patrick S | 09/01/19 | 03/31/21 | 0 | 50,000 | 0 |
| | | 6941294 | C | P402000 | DESHPANDE MOU | Birnbaum /Michael E | 09/01/19 | 08/31/21 | 20,815 | 50,000 | 0 |
| | | 6941386 | C | P065004 | DESHPANDE MOU | Anthony /Brian | 09/01/19 | 03/31/23 | 0 | 390,000 | 189,787 |
| | | 6941456 | C | P062000 | DESHPANDE MOU | Smith /Zachary P | 09/01/10 | 04/30/22 | (7,957) | 100,000 | 1,670 |
| | | 6942114 | C | P062000 | DESHPANDE MOU | Sikes Johnson /Hadley | 09/01/19 | 11/30/20 | (5,575) | 50,000 | 0 |
| | | 6942274 | C | P066000 | DESHPANDE MOU | Van Vliet /Krystyn J | 09/01/19 | 08/31/22 | 31,565 | 100,000 | (1,342) |
| | | 6943022 | C | P061200 | DESHPANDE MOU | Maes /Patricia | 03/01/20 | 09/30/21 | 69,331 | 148,166 | (87) |
| | | 6943745 | C | P062000 | DESHPANDE MOU | Furst /Ariel L | 09/01/20 | 08/31/22 | 23,917 | 100,000 | 34,943 |
| | | 6943960 | C | P069201 | DESHPANDE MOU | Griffith /Linda G | 09/01/20 | 08/31/22 | 29,660 | 81,821 | 32,342 |
| | | 6944851 | C | P069201 | DESHPANDE MOU | Griffith /Linda G | 02/01/21 | 08/31/22 | 8,966 | 18,179 | 9,212 |
| | **Total by Primary Sponsor** | | | | | | | | **174,083** | **4,334,831** | **287,550** |
| **Total** | | | | | | | | | **783,165,736** | **4,858,632,32** | **945,176,420** |



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